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Walter Faxon

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23. Watched the Hummingbird's nest near the Hancock St. schoolhouse three hours this morning without once seeing the male. The female frequently left the nest to gather bits of lichen which she applied to the nest while sitting in it. The Blackburnian Warbler sang, also the Solitary Vireo, Pine and Black-throated Green Warbler.

26. Watched the Hummingbird about an hour this morning. Did not see the male. The female always flies directly into the nest without first alighting. On visiting the Bobolink's nest this afternoon one of the four young (one egg did not hatch) ran out. An immatured male Purple Martin lives at the box in the back yard. He is in immature plumage. A pair (the male also in immature plumage) have a nest in the S E corner room of this boy (lower story) — also two pairs of House Sparrows. There is also a brown male Martin in Fan's box.

27. Went thro' the Fresh Pond marshes this morning, visiting the site of last year's Gallinule's nest. Neither saw nor heard Gallinule, Least Bittern, nor Rail! The Chat was singing, as I came back, in the accustomed place. All the Bobolinks have left the nest, the parents feeding them in the grass. Most of the labor is borne by the female.

30. Watched the Hummingbird's nest from 8.50 to 10.30 A.M. The ♀ fed the young three times, at 9.30, 9.45 and 10.30. She left the nest several other times without feeding the young on her return. Once while feeding the young she alit so that I had her in profile — she alights on edge of nest, brings her body nearly to upright position with her tail braced against the nest. Her bill is brought down to the perpendicular when put into the mouths of the infants. No male seen.

11. The Humming-bird is still feeding the young in nest.

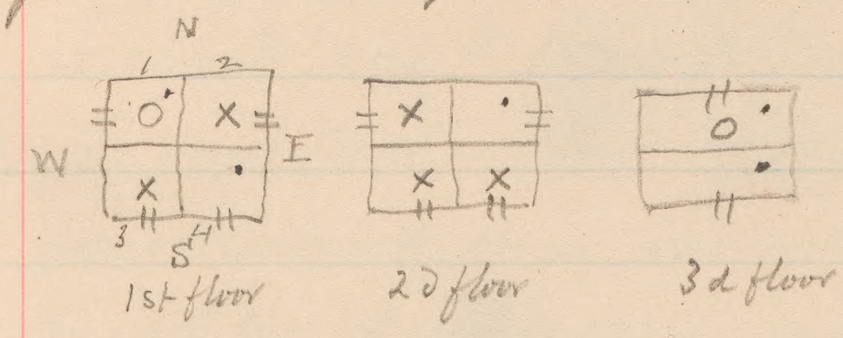
12. Well-marked flight of Robins to-night from 7.30 to 8 o'clock toward the Beaver Brook roost which is a trifle under four miles away in an air line from Lexington village.

17. The roost resorted to by the Lexington Robins is, I think from observations this evening, just beyond Waltham St., about ½ m. from this house.

19. The two young Humming-birds appear about ready to leave the nest. As they sit in nest, side by side with head pointing the same way, they show a hole head & breast. Bills as long relatively as Look's. Sometimes get up and stretch their wings. One voided over the nest:—

The ♀ fed them at 10.45, 11.03, & at 11.35 appeared again but was frightened off by my presence. When feeding them she inserted her bill into throat of each 2 or 3 times, alternately. Before each act of regurgitation she swayed sideways on edge of nest.

There are now but five pairs of Martins in Hani's box, two pairs having been ousted by English Sparrows:



× Martins
O Sparrows

At one time in the middle of the season 5 pairs of Sparrows had possession in the box as shown by the dots (·). I shot every one of them but now two new pairs (O) have come in. The pair that formerly lived in room 3 (a gray male) left the box at the time of the Sparrow invasion. The pair in room 4 (a black male) moved into room 3. I

have shot all the Sparrows (2 pairs) in the old box in the back yard. There is one pair of Martins (gray male) in it with an odd gray male. Never saw any indication there of conflict between Martins & Sparrows after the former became established. The method of the invading Sparrows in Hunt's box was to get into the room when the Martins were away & hold the fort. The Martins seemed to be able to attack them to advantage only when on the wing.

20. The Kerrington robin-roost is in a low wood (red maple, oak, &c.) surrounded by meadows, beyond Waltham St., 2/3 mile from this house

22. Went to the Humming bird's nest this afternoon. The young have left the nest. Saw nothing of bird or young.

23. Walked out to the Woburn line after supper. Heard two Whippoorwills sing — only 3 or 4 times.

25. Walked from Concord to Wayland (Town Hill station) via Pantry Brook. One Henslow's Sparrow in the old place, another in Concord near the Purple Martin box — both singing.

26. To Waltham in A.M. & Prairie Warbler feeding young Cowbird, one ♂ Blue Golden-wing (not singing).

30. To Great Meadow, East Lexington in morning. Saw seven Dusky Ducks, four on the wing, three (one adult and two half-grown) in the water. Two Great Blue Herons were feeding in the meadow. Saw or heard nothing of the Grebes. I was on the shore.

A young Martin, apparently fully fledged, now sits at the door of the box in the back yard, looking out. Can only see one.

31. Found a dead naked Martin on the lawn this afternoon, several rods from the box. It was but a few days old.

5. These hawks were probably Red-tails of the year. N.B. says that in summer the Red-tail has a cry resembling the creaking of a sign.

1. Pleasant, cool. Walked from Bedford to Nutting's Pond by way of Bedford Springs and back by the Lowell turnpike.
2. The Martins in H—m's box left this day. Saw several over the Great Meadow feeding young at great height in air. The note of the young Martin is diagnostic.

Two or three times in the middle of the summer I heard the ♂ Martin sing during the morning twilight (at the time of the first hint of Robin song). Chop-chop-chee, chop-chop-chee

♂ ♂ ♀ ♂ ♂ ♀

These notes repeated without intermission like song of Robin. The musical warble of the Martin, so commonly heard, is only made by the ♂ bird. The chirrup ("Philip") of the House Sparrow is only made by the ♂.

The Martins while singing were sitting on the piazza of the box in the morning.

5. To Wellesley Hills to see B. I. In P. M. saw two hawks about size of Red-tails showing good deal of light color mixed with the dark of the upper side, below light with pectoral band of dark, white about face, & considerable white on upper tail-coverts. Scream high pitched ——~ like creaking of a pump. tip of tail white.
6. Martins left box in back yard this day. Several dropped in upon H—'s boy for two mornings subsequent to their departure on the 2d.
9. Counted the Robins roosting on side of the roost beyond Wat-

W.B. re-

A correspondent of B. T's — Nelly Hart Stedworth — of East Berkshire, Vt. reports the Horned Lark, White-rumped Shrike and White-crowned Sparrow as breeding there.

Junco hiemalis again in Milton (same place in co. with Chippns) July 14.

May 9. Water Thrush seen in Weymouth (R. Hoffmann).

than St. only 77 C 6.45 to 7.20 P.M. Sunset, 6.54).
Martins still about Lexington but do not visit the boxes. Seven or eight on the vane of Unitarian church this morning.

10. 89° in the shade.

11. 88°. Counted about 250 Robins from one corner of west this evening.

12. 89°.

13. Walked from Concord to Weyland via Pantry Brook with R. H. Cooler.

15. The note of the young Goldfinches heard to-day for the first time this season. Rain.

22. To Truro (Mr. Cordis's) by Provincetown boat. Fifteen to twenty Petrels (Wilson's) — two or three in the Harbor (off Long Island), the rest in the bay following wake of the steamer. Two Herring Gulls. In P.M. went down to the fish houses. Hundreds of Wilson's Terns found on black-billed species (Roseate?) on the flats off Allen with large nos. of Sanderlings, Ring-necks, Ereunetes pusillus, two Spotted Sandpipers, and three Charadrius squatarola. Two Green Herons and 8+ Night Herons up the creek.

Sept.

5. Returned from Truro to Lexington.
To Great Meadow in P.M. Saw two Pied-billed Grebes, one Blue Heron, two Bitterns, three Ducks (Wood?) and one Long-billed Marsh Wren (?) glimpsed & heard chip. Have never seen the latter bird here before. Got within 15 yds. of the Grebes. Top of head ~~and neck~~ blackish as well as throat; fore neck and breast warm brown; belly & under tail coverts white; yellowish-brown on sides (just below wings?); iris yellow; upper mandible horn color seen from above; bill seen from the side without, with dusky ring near the middle.

Mr. Holden, Melrose: Brown Creeper, Palm Warbler, Bl.-th. Blue Warbler, 13 th

17. Across the salt marshes from Franklin Park to Oak Island. With a number of Harp-tails in the great patch of long grass below the Dorchester Bridge & Salem Turnpike but tide was so high that I could not get in to shoot them. Also saw swarm along the creek near the breeding-ground probably A. sybrinquetes. Shot one here (A. caudacutus typicus).

Sept. 26. Two Comm. Warblers near Calvary Cemetery, C.E.F.

12. There are hardly any Robins in Lex. since I returned from the Cape. Visited the roost this P.M. staying till 5.45 o'clock. Did not see one Robin.

14. Shot two Connecticut Warblers this morning in the Fresh Pond swamps. They jumped up from the jewel-weed on the edge of the old road by Little Pond, alighting in the low pollard willows. Their actions are quite different from either the Mary-land Yellow-throat or Mourning Warbler, reminding one of a thrush. They appear to have grey legs either of these species. One has the head and breast clear ash, tinged with whitish on the chin — the other has the top of head clear light ash color, the breast dirty brownish with yellowish chin.

15. Saw a Wilson's Blackcap, volume 1 found the Conn. Warbler yesterday. None of the latter seen to-day.

20. Saw a Connecticut Warbler this morning in Burlington on the side of the road going from the little school-house to the Lowell Turnpike (Woburn road), just beyond Vine Brook. He flew up from the ground into small trees, peering at me with head cocked on one side in a thrush-like attitude. Not so nervous as most warblers. Also saw a Wilson's Blackcap in willows on edge of the brook. Later in the forenoon saw a Water Thrush, Black and-Yellow, and Chestnut-side.

21. Saw Red and Rusty Grackles. Shot a Prairie Warbler of the year in a white birch tree on Marsh St., Belmont, this morning. 5½ in long, ashy suffusion on side of head, obsolescent dark streaks on breast as in Pine Warbler, for other points see skin.

List of Birds observed on the Greylock region, Oct. 17 - Nov. 2, 1891.

1. Bonasa 17* 18. 19* 21. 22* 23* 25* 29* 31. Nov. 1.
1a. " togata 25.
2. Accipiter velox. 19.
3. Buteo borealis. 19. 21. 22. 28.
Large hawks indet. 22. 26. 27.
4. Dryobates villosus. 22.
5. " pubescens. 17. 18. 19. 24. 25. 29. 30.
6. Colaptes. 18. 21. 24.
7. Sayornis. 26
8. Cyanocitta. 18. 19. 20. 21. 22. 23. 24. 25. 26. 28. 29. 30. Nov. 1.
9. Corvus. 17. 18. 19* 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. Nov. 1. 2.
10. Sturnella. 2 pair above Hoosac.
11. Carpodacus. 22. 23* 25. 26. 28. 29. 30. Nov. 1. 2.
12. Passer. In Adams village & Blackinton.
13. Loxia curvir. 19. 22. 23. 24. 25. Nov. 1. 2.
14. " leucoptera. 22. 25.
15. Spinus tristis. 17. 18. 19. 20. 21. 22. 23. 24* 25. 26. 27. 28. 29. 30. 31. Nov. 1. 2.
16. " pinus. 22. 23. 28* 29. Nov. 1.
17. Poecetes. 18. 19. 23.
18. Ammodramus savannarum. 1 Bellows Pipe.
19. Junco hyemalis. 17. 18. 19* 21* 22* 23. 24. 25* 26. 28. 30. Nov. 1.
20. Spizella monticola. 23. 25. 30. 31. Nov. 1. 2.
21. " socialis. 17. 18. 19. 23.
22. Junco. 17. 18. 19* 20. 21. 22* 23. 24* 25* 26. 28. 29. 30. 31. Nov. 1. 2.
23. Melospiza fasciata. 17. 18. 19* 21* 22. 23. 24. 29.
24. Passerella. 21. 22* 24. 25. 28. 29. Nov. 1. 2.
25. Pleectophanax Nov. 1 top of Greylock.
26. Pipilo. 22 Greylock Mt.
27. Lanius. 17 Near Williams.
28. Dendroica coronata. 17. 18. 21. 22. 23. 26. 30.
29. " striata. 17. 23.
30. " virens 19 So. side of Bellows Pipe.

3. Saw a good number of Robins went to the Lexington roost to-night.
17. Beautiful day. Went to the Notch, Mt. Graylock (Mr. Wilbur's). Saw a thrush near Waldron's.
18. Cold and cloudy. To the Natural Bridge, No. Adams in the morning.
19. Cloudy. Went to the South side of the Bellows-pipe in morning. Great nos of Hermit Thrushes everywhere in the Notch. In afternoon went down thro' the pastures to Waldron's. Large flocks of Goldfinches feeding on the cones of the Spruces which are very heavily fruited this year.
20. Hard rain most of the day.
21. Cloudy. To the Cascade in the morning. Vast flock of Robins and Hermit Thrushes in the pastures above the Cascade, moving along by the fences grown up to brush. Tree Sparrow in P. Bk.
22. Cool, cloudy most of the day. Up Bray Lot by the carriage-road & back by the Bellows-pipe. Great numbers of birds in the Spruces particularly near the lower end of the carriage-road — mostly White-throated Sparrows, Gold finches and Snowbirds. Also saw Tree Sparrow (singing occasionally), Purple Finch, one D. auduboni (shot), one D. hyperchrysea. All the way up the turnpike I encountered migrants of Snowbirds and Peabody-birds, also a few Fox Sparrows, Brown Creepers, good many Golden Kinglets, some Red-bellied Nuthatches, 2 flocks of Common Crossbills with some more White-winged Crossbills, 2 flocks of Pine Finches etc. On the summit found one Song Sparrow, one Hairy Woodpecker, flock of Common Crossbills, a few Purple Finches, large nos of Robins and Hermit Thrushes feeding on the Mountain Ash berries (wh. are very abundant), Blue Jays, Snowbirds and Peabody birds. They say there was a little snow

31. Dendroica palmarum. 22 (obtt.)
31a. " " hypochrysea. 19. 22.
32. Anthus. 22 morning near Blackinton.
33. Troglodytes hiemalis. 18. 19. 20. 22. 23. 26.
34. Certhia 19. 22. 23. 24. 25. 29. 31. Nov. 1.
35. Sitta canadensis. 22. 25. 29. Nov. 1.
36. Tanagra erythrophrys. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 28. 29. 30. 31. Nov. 1. 2.
37. Regulus satrapa. 18. 19. 20. 21. 22. 23. 24. 25. 26. 28. 29. 30. Nov. 1. 2.
38. " calendula. 17. 19. 22. 23. 24.
39. Turdus fallasii. 17. 18. 19. 20. 21. 22. 23. 24. 25. 28.
40. Mimula. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 28. 29. 30. 31. Nov. 2.
41. Sialia. 17. 18. 19. 21. 22. 23. 24. 26. 28. 30. 31. Nov. 2.

A Partridge shot, in my presence on the Graylock turnpike, Oct. 25, proves to be B. togata ♂, with reddish tail. A pair procured later thro' Mr. Grimes are togata with gray tails. They were shot in Blackinton. Also secured two Horned Larks (O. praticola) from Mr. G., killed in the feeding-season in Blackinton or Williamstown. I say the Upland Plover breeds at lower end of the Notch.

on the summit yesterday and day before. None visible today. Took in brush by stone of turnpike above 2d Wild-board from summit.

23. Cold, nearly down to freezing. Walked to Blackinton via Mr. Adams and back, calling on Mr J. B. Grimes who has a small collection of birds. Saw among them a Sparrow Hawk (C. fasciatus), Great Horned Owl, Screech Owl, Saw-whet Owl, Horned Lark, Snow Bunting, Redpoll Linnet (A. linaria), and Wilson's Snipe. He says a Sea Raid was brought to town a short time ago to set up. Also that there are Brook trout hereabouts. Two Tree Sparrows this afternoon, the first I have seen this autumn.

24. Cold, cloudy most of the day.

25. Cool, clear. Up Bugbee and back by the turnpike. See opp.

26. To Blackinton. G—s says the Hooded Warbler is found in the neighborhood of Pittsfield. Saw in a small collection of birds in house near the schoolhouse a Barred Owl, two Redpoll Linnets (both A. linaria), a Great Blue Heron, Green Heron, two hawks (A. velox and A. cooperi or both velox).

27. Light snow.

28. Cloudy A.M., clearing in P.M.

29. Warm and pleasant.

30. " " " To Blackinton in A.M.

31. Warm Indian Summer weather, 64°. Shower in evening.

Nov.

1. Up Bugbee by turnpike & back down valley. Abundance of Juncos and Peabody birds on the road-sides. On the summit saw Tree Sparrow and two Snow Buntings. Cloudy A.M., rain in P.M.

2. Clear, cool. Returned to Cambridge.

13. Went to Arlington (30 Academy St.) to spend the coming winter.

14. To Belmont in A.M. & the Fresh-water marshes in P.M. with J. S. M. Jr. Gr.

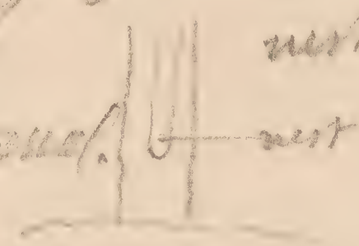
Lynn Beach we found a flock of about 25 Snow Buntings and one or two Horned larks and one Ipswich Sparrow. At Little Nahant one Savannah Sparrow. At sea, a few White-winged Scoters and Red-throated Loons. Went across the Saugus marshes from Franklin Park to the Salem Turnpike and back. Saw no Sharp-tail Sparrows. The Spartina grass had all been cut off in this part of the meadows. Large flock of Goldfinches and a Cat-bird on the western edge of the marsh. Two Meadow larks in the marsh.

18. Wm E.T. & C.E.T. from Randolph to Canton Farms, Lake Pond, & back by way of Turnpike St. & Muddy Pond. Cold, windy, & clear.

19. Cold, clear. 23° at 7 A.M.

26. Thanksgiving-Day. Clear, beautiful morning, cloudy afternoon, with rain in the evening. Went to G.P. In A.M. walked to Wild Farm, Putnam & across the woods above Lyman's & back by Prince St. In P.M. drove over to Dudley St. region, Bald Pate Hill, etc. Saw a Chipmunk in A.M. & another in P.M.

E.T. & C.E.T. state that the "wild" House Wrens at the bun of Mt. Washington (on Fabyan's) have a song different from our House Wrens, shorter & much more like the Long-billed Marsh Wren's. They found nest built in a short stub, (hole at top) — nest within foot of ground, eggs apparently normal.



Dec.

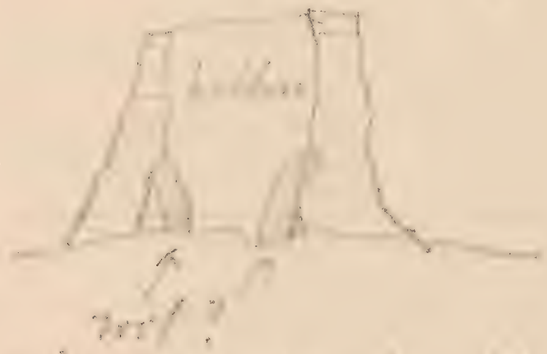
2. Mild, beautiful day. Walked with E.T. & C.E.T. over Arlington Heights, through the Lincoln woods, to Heyden Pond, etc. Two Tree Sparrows in Lincoln Woods. On the 30th of Nov. the thermometer went to 10°, the coldest yet.

Dec.

3. Found a Warbler in the Cat-tails near Little Pond to-night So dark that I could not make out what it was.

" The Warbler is a Maryland Yellow-throat (female?). Found it again this morning. Also saw a Fox Sparrow not far from this, & two Peabody birds near the Convalescent Home in Waverley.

8. Pleasant. Walked from Concord to the Wayside Inn, Sudbury with C. E. F. by way of Poutty Brook. Note the above-ground nest inside the hollow of the big White Oak at Wayside Inn.



Found the Maryland Yellow-throat again in the same place this morning, where young crows kills Crossing to take him in.

10. Pleasant, warm for a winter day. Spent the day with Mr. B. at Concord. Saw a Striped Snake active.

13. To Franklin Park on Sargent's Branch R.R. with Miller & Rhoads. A twenty Sparrows in the Cat-tails. In a lumber-yard near the station saw a log (about 16 ft. long) of Pine (P. strobus), 5 ft. 5 in. diameter at one end, 8 ft. at the other. We made two hearty counts of the rings, 392 and 350.

25. Cloudy, warm day. Went to J. P. Walker thro' the Wood Farm region in the morning. Saw a Screech Owl mobbed by Blue Jays, Chickadees, White-bellied Nuthatches, Brown Creepers, Downy Woodpeckers, Tree Sparrows, and Snowbirds. The Owl was a gray one. Yesterday morning I found the Maryland Yellow-throat in the same spot in the Fresh Pond Swamps. Last Sunday Spy Pond & the lower Mystic Pond were partly covered over with ice, the upper Mystic being entirely open. Now, owing

by the warm weather and recent rains, all the ponds are open.

Jan.
16-17.? Hermit Thrush in Cambridge – F. Bolles.
31 One Cinclidaeum, Wellesley Hills, Mass. B. Torrey

Feb.
14 Saw a Hermit Thrush at the spring near the Waverley Convalescent House this morning. Also a flock of Cedar Birds

12. Four Black Ducks, Beaver Brook.

13. R. H. also saw two Whitethroats with a flock of Snowbirds in W. R. C. E. F. saw Chipmunks out last week

26. Vanessa antiopa appr.

Jan. 1892

6. About three inches of snow fell to-day — the first of the winter.

17. 5° at 7 A.M., coldest yet.

Feb.

20. Mild, cloudy, with snow on the ground. Went thro' the Fresh Pond swamps with Hoffmann & then to Waverley, returning to Cambridge at 1 P.M. Saw 19 species of birds. Three Redwing Blackbirds near Pout Pond where I saw them in January. Flock of Robins & Cedar birds in Waverley (same the latter flew last Sunday (the 14th) & a flock of 27 Cedar birds in F.P. swamps. Also many or 10 Swamp Sparrows & 15 Song Sparrows. In Waverly saw one of the red Song Sparrows which acted like a migrant.

22. Saw a few White-throated Sparrows near Pout Pond this afternoon.

28. R. H. found two Hermit Thrushes near the Convalescent Home in Waverly this morning — feeding on Privet berries.

Mar.

6. By Mystic Pond thence to Waverley and back to Fresh Pond swamps with R. H.

12. To F.P. swamps and from Waverley to Arlington with R. H. in P.M. Cold. Flock of Redwinged Blackbirds in Arlington.

13. Same route as on 6th — with F.B. One Bluebird, one White-throated Sparrow among a flock of Cedar birds in Arl., Hermit Hermit-bellied Nuthatch in Fresh Woods. Two Meadow larks between Hill's Crossing and Belmont. Evidently some Song Sparrows & Snowbirds have arrived from the South.

15. To Hemlock Pond, Way land with C. E. F. Very cold & windy.

26. Two White-throated Sparrows in Arlington this afternoon, near Mill Brook.

28. Meadow lark near Belmont Hill this a.m.

two Chipping Sparrows

1. Bretpus infaus appr. Twelve seen.

3. Hyla pickeringii peepers. Stripe's heard.

4. Rana sylvatica sings. Bat seen on Davis's Hill, Lexington.
Toad seen.

5. Four Purple Martins, Concord, W. Brewster
6. Rana virescens (Leopard Frog) heard in the swamps.

7. Saxifraga album & Lycaena lucia appr.
~~Pussy~~ Willows & Hazel in blossom. Red Maple begin-
ning to flower.
8. Toad trills. One Barn Swallow, Concord, W. Brewster

10. One Barn Swallow with White-bellies at Mystic Pond.
Lindera benzoin fl.
11. Ranunculus sp., Caltha palustris fl.

13. Bittern (B. lentiginosus), Concord, W. Brewster
14. Gallinago, Concord, W. Brewster.
17. Bloodroot, Jeffersonia, Dandelion fl. Cassandra fl. Chaenopsis
in fl. Honeybees at work. Pelocheliden arrives in Maryland acc. to

1 Walked from E. Lexington to Waltham & back to Belmont with C. E. F. Beautiful warm day.

3. Temp. 76°. To Nahant with R. H. On Bridge Pond at Little Nahant. Nine White-bellied Swallows.

4. Warm again. Two White-throated Sparrows and a Bay-winged Bunting in Norton's Wood Cambridge this morning. The warmth of the last few days has brought the season up a week from the normal level.

5. Still warm. Went over [illegible] morning to see J's Red-headed Woodpecker [illegible] all winter. It haunts a section [illegible] with oak and chestnut. Note like [illegible] something. Very quiet in its manner, [illegible] Towhee, Chippy, Sparrow Hawk, Field [illegible], Hermit Thrush, arrive.

6. Warm weather continues [illegible] Meadows, East Lexington in the morning & [illegible] Heard the cuckoo note of the Red-billed [illegible] Pine Warblers and Brown Thrasher [illegible] Fresh Pond. Fast day.

7. Fast day. Belmont. [illegible] Pond via Bedford Springs and Burlington by Indian Hill. Found a Green Heron. Red-bellied Woodpecker.

8. Around the Lower Mystic Pond before breakfast. Hermit Thrush singing on the Medford side of pond. To Woodwork ground [illegible] of Helmet Hill in eve. Neither saw nor heard a Woodcock.

11. Cool, NW wind. Walked from Newton Lower Falls to Roberts Crossing, via Weston, with C. E. F. Saw the Red headed Woodpecker again in the same spot.

16. To Fresh Pond swamps in eve. with R. H. One Snipe – did not drum.

17. Easter. Around Mystic Pond & over to E. Lex. & Rock Meadow with R. H. Saw White-throated Sparrow (Mystic & Mr. Medford), saw Phoebe's friend, Mr. Bolton.

The northeasterly storm which ushered in the month and continued through the second and third days was the severest of the season. Twelve inches of snow fell in Boston and vicinity, and the wind averaged nearly 30 miles an hour while the storm lasted. The second severe storm of the month happened on the 18th, when the

Snowfall Was Eight Inches,

and the velocity of the wind, which blew steadily from the northeast for three days, was 22 miles an hour.

The weather bureau reports that the month was much colder, with heavier snowfall and higher winds, than the average, especially during the first half.

The month was unusually fertile in coughs, colds, cases of pneumonia and grip, and many who were fortunate enough not to succumb to the insidious attacks of this fell brood of March satellites are still nursing some ailment or other contracted from exposure to its severity.

Certainly no one has any cause to regret the departure of the cold and cheerless month, but it must be conceded that during its last days and its final adieu yesterday it made an effort to remove some of the disgust aroused by its previous rude behavior.

The last day of March was as lamblike as the first was fierce and boisterous. There was sufficient of the March chill in the air to dispel any illusion that spring was here to stay, but as the sun warmed up to its work during the day the atmosphere became thoroughly comfortable and enjoya-

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4. Warm again. Two White-throated Sparrows and a Bay-winged Bunting in Norton's Woods Cambridge this morning. The warmth of the last few days has brought the season up to more than the normal level.

5. Still warm. [illegible] on the morning to see J's Red-bellied [illegible] have been there all winter. It haunts [illegible] banks covered with oak and chestnut. [illegible] but saw nothing. Very quiet in its [illegible] Sparrow Hawk [illegible] arrive.

6. Warm weather [illegible] the Great Meadows, East Lexington in the [illegible] Waverley. Heard the earliest note of the [illegible] Great Meadows. Pine Warblers and Great [illegible] Fast Day. [illegible] Hastings Pond via Bedford Springs and Tower by Indian Hill. Saw about a dozen Yellow Redpolls. Warm.

Chelsea police, and locked up on a charge of assault with a dangerous weapon. He will be arraigned in court this morning.

When taken into custody no weapon was found about him, and a thorough search of his premises failed to discover the revolver. He is thought to have thrown it away while on the street.

Ah How, another Chinaman, who was in the laundry at the time of the shooting, is held as a witness.

The victim of the assault is a son of Alfred Walker, a sparmaker. At a late hour last night he was resting quietly.

Young Walker's companions deny that they had taken part in disturbing the Chinaman.

GARZA IN SAN ANTONIO.

Not a Revolutionist or Political Party Leader.

SAN ANTONIO, Tex., March 31, 1892. Garza, the alleged Mexican revolutionist, it is learned, is in this city, and can be produced with but little trouble.

He is said to have stated that nearly all the matter telegraphed about the alleged uprising was "faked" by special correspondents and frontier sensationalists.

The facts, as now gleaned, are that Garza was formerly at the head of a gang of smugglers, but has never been in command of a revolutionary army or the leader of a political party.

NEW ENGLAND.

The Amesbury selectmen have appointed George W. Bullock chief of police. E

5. Around the Lower Mystic Pond before breakfast. Hermit Thrush singing in the Mystic Side of forest. To Woodcock ground Pond of Helmet Hill in eve. Million [illegible] Woodcock.

11. Cool, NW wind. Walked from Newton Lower Falls to Roberts Corning, via Weston, with C. E. F. Saw the Red-headed Woodpecker again in the same spot.

16. To Fresh Pond on swamps in eve. with R. H. On Snipe – did not drum.

17. Easter. Around Mystic Pond & over to E. Lex. & Rock Meadow with R. H. Saw White-throated Sparrow (Mystic) & Winter Wren. Saw Sparrow friend, Fox Bittern.

1 Walked from E. Lexington to Waltham & back to Belmont with C. E. F. Beautiful warm day.

3. Temp. 76°. To Hanaut with R. H. on Bridge Pond at Little Nahant. Nine White-bellied Swallows.

4. Warm again. Two White-throated Sparrows and a Bay-winged Bunting in Norton's Woods Cambridge this morning. The warmth of the last few days has brought the season up to more than the normal level.

5. Still warm. Went over to Wellesley Hills in the morning to see J's Red-headed Woodpecker, which has been there all winter. It haunts a restricted spot — Kames covered with oak and chestnut. Note like Hyla versicolor but more rattling. Very quiet in its manner, in full plumage now. Bobolinks, Chippies, Sparrow Hawk, Field Sparrow, Yellow-rumps, Hermit Thrush, arrive.

6. Warm weather continues. Walked around the Great Meadows, East Lexington in the morning & thence on to Waverley. Heard the cuckoo note of the Red-billed Grebe in the Great Meadows. Pine Warblers and Great Blue Herons arrive. To Bedford in eve to spend Fast Day.

7. Fast Day. Clement. From Bedford to Hutting's Pond via Bedford Springs and back by Indian Hill. Saw about a dozen Yellow Redpoll Warblers.

8. Around the Lower Mystic Pond before breakfast. Hermit Thrush singing on the Medford side of pond. To Woodwick grounds (Mt. of Holiness) Hill in eve. Neither saw nor heard a Woodcock.

11. Cool, NW wind. Walked from Newton Lower Falls to Roberts Corning, via Weston, with C. E. F. Saw the Red headed Woodpecker again in the same spot.

16. To Fresh Pond swamps in eve. with R. H. One Snipe — did not drum.

17. Easter. Around Mystic Pond & on to E. Lex. & Rock Meadow with R. H. One White-throated Sparrow (Mystic P. in Medford), one Sphyrapicus varius, one Bittern.

boy who lives at place where they breed.

20. Equisetum arvense

21. Viola sagittata fl.

23. Chinese Magnolia, Forsythia viridissima fl. Houstonia caerulea fl.

24. Pieris japonica, Thecla augustus, Catocala inda on the wing. Houstonia caerulea, Anemone nemorosa fl.

25. Norway Maple fl.

26. Cherry + Plum fl. Salix rostrata fl. Anemonella fl. Black Flies ap.

Apr.

20. To Rock Meadow this evening. Saw Bittern pumping in the open just beyond the ditch, while I lay on the top of a haycock on the Waltham side of the meadow, & Snipe flushed three times between 7.10 & 7.30.

22. Went to Lexington today to spend the concert season. The Purple Martins have not yet been seen by the people here.

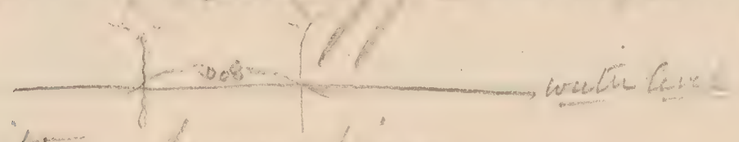
23. Went to Bedford to spend Sunday (to-morrow) with J—. There is a Night Heron roost in the "Cedar Swamp" near the Concord road. Some 100 birds flew over at sunset last night. Most of them flew over towards the Shawsheen River, but a few took a line for the Concord. J. says he thinks they have been in this place only a few years.

24. Pleasant Sunday, west wind. Visited the heronry on P.M. Estimated the no. of nests at 50. Many birds in the roost and they were very quiet. All the nests seen in Cedar Swamp. Did not climb up today.

25. Mercury fell to 24° degrees last night in Bedford. NW wind. Have seen no Purple Martins in Bedford. The Martins are in Lexington to-day — 6 or more. The Fly-Catchers say they arrived yesterday. Two Coots in Great Meadow, E. Lexington.

26. To Great Meadow, thence to Waltham & back to Rock Meadow & Fresh Pond swamps in rear, with E. E. J. 31° at 5 A.M.

27. To Great Meadow in A.M. Found Red-billed Grebe's nest with 5 eggs. Just visible in water but a blind to Bittern-watcher. In a very exposed place. One egg clean, as if freshly laid — the other dirty.



The two Coots still in the meadow. The bittern pumping.

28. Got the grebe's nest this morning. The water at this place is 2 ft. 5 in. deep. The nest is 1 ft. 4 in in diam., 6 in thick; the depression for the eggs 6 in. in diam., 2½ in. deep. Nest built of Pontederia leaf-stems intermixed with

May 1 Nashville Warbler – F. Bolles

2. Aquilegia canadensis fl.
3. Cornus americana, ovu, Cambridge – F. Bolles
4. Pinus japonica fl.

6. Shortia fl. Viola pedata fl. Hyp. Virginicum ovu. Nobleshpur-hills

Apr. ~~Petamogeton lucens~~ & small ~~plants~~ grasses apparently brought up from bottom of pond with much dirt attached so that the whole mass is very compact & heavy.

30. Walked from Concord to Wayland in A. M.

May

1. 32° at 5 A. M. Walked from Lexington to Waverley and back to East Lexington in morning. Found two Bluebirds nests in fence-posts in Waverley, each with 5 eggs.

2. To Belmont in the afternoon. Saw about ten Herring Gulls, a few of them in adult plumage, large flock of White-winged Scoters and a few Old Squaws. Large flock of Chimney Swifts at East Lexington.

3. Watched a pair of Orioles from the shore of the northern enclosure end of the Great Meadow. Saw them both engaged in constructing a nest. The male once uttered his loud cuckoo note while sitting on the nest. The birds were apparently scraping up stuff on the water to place in the nest. Went to the nest in boat & found it flat, on water level, hanging and based on a few blades of grass and a growing flag-leaf. After my return to shore the birds continued their constructing.

4. To Great Meadow this morning. Saw 50 species of birds! Orioles still building. Saw one place a big stalk (pond weed stem?) on nest.

5. Pair of Scaup Ducks on lower end of Lower Mystic Pond this morning, also two Herring Gulls, one in full plumage.

6. Visited the Orioles nest this morning. No eggs. Found two nests both apparently not quite completed.

7. A Blackburnian Warbler singing on edge of Mystic Pond. To Bedford in P. M.

8. Bedford. Down Concord in AM & walked back to Bedford along the W. shore of Concord River.

9. Walked from Concord to Wayland via Pantry Brook with C. E. F. Saw the Henslow's Sparrow in the old place. Saw no Marsh

11. Ulmus Americana & Betula lenta flowering.
12. Viola lanceolata fl. Apple & Pear fe.
13. Petiularia fl. Purple Martins & Yellow Warblers building.
Prunus pennsylvanica fl.

Wrens, Yellow-winged Sparrows, Orchard Oriole, & Great Crested Flycatcher. Yet heard a long-billed Marsh Wren in Fresh Pond swamps on the 6th.

10. The Robin's nest which I found a-building appears to be deserted and another one constructed not far off. Of the other two discovered on the 6th I could not find one & the other remains unfinished or is perhaps an old nest.

13. Out on the Great Meadows in A.M. with C.E.F. & to Mystic Pond in P.M. Heard a rail in the Great Meadow that sounded like a Florida Gallinule. Found no change in the Robin's nest.

14. Found the Yellow-breasted Chat in the same place as last year (S.B swamps). Hoffmann heard him here several days ago. Saw a Pinnated Bittern too; it seemed either very tame or dazed. It sat within 8 yds of me when discovered & then walked off uttering a low cluck. Bittern near Foot Pond.

15. Rain.

16. On Great Meadow in A.M. Saw a Grebe with a young, apparently just hatched. They swam well & after betaking themselves to the bushes appeared to divide into two groups following the two parents (?). One of the old birds afterwards swam about with a young one on its back, apparently held between body & wing. Dived with young on back.

17. To Mystic Pond in A.M. One Sandpiper sp. and one Semipalmated Sandpiper near the sink-hole on the Medford side of the pond. To Concord in P.M. to spend the night with W.B. in Log-house.

19. To Mystic Pond in A.M. Great wave of Warblers — Yellow-rumps, Blackpolls, Parulas, two Wilson's Blackcaps, two Tennessee Warblers, one Blackburnian, one Black and Yellow, etc. White-crowned Sparrow singing freely on the Hemlock Point, long compared to the Bay-winged Bunting's but lower and sweeter — little shorter. Thro' Fresh Pond Swamp in P.M. Found neither Least Bittern nor Gallinule. Crow Blackbird's nest in the cat-tails — 4 eggs.

20. Lincoln's Finch, Concord, W. Brewster

24. Apletrus in full flower

25. Papilio turnus (C. L. F.).

List of Birds observed on Mt. Graylock and vic., June 4-30, 1892.
C = Cheshire, P = Pittsfield.

1. Fulica amer. 2/1 Cheshire Reservoir.
2. Actitis macularia. 1/2. ③/13 P. 2/1 P. 25. 27 C.
3. Bonasa umbellus (togata ♀). 2/5.* 2/7.* 2/11.* 1/12.* 1/19.* 23.* 2/28.
4. Accipiter velox. 10. 2/4.
5. Buteo borealis. 4. 1 or 2/15. 1/24. ②/26. ②/24.
Large hawk. 5. 7. 1/12. 18. 2/19.
6. Coccyzus americanus. 2/5.
7. " erythrophthalmus. 1/7. 2/8. 21.
" sp. indet. 13 P. (cooing).
8. Ceryle alcyon. 21 P.
9. Dryobates villosus. 1/6? 1/7? 1/8? ②/29.
10. " pubescens. ②°/24. 1/25. ②°/27. ②°/28. ②°/29.
11. Colaptes auratus. 5.** 7.* 8.* 9. 11.* 13.* P. 15. 16.* 18. 21 P. 25. 26. 2/28.
12. Antrostomus vociferus. 1/11.*
13. Chordeiles virgin. 1/5.

May

20. Cold East rain. To Mystic Pond. There are three White-crowned Sparrows here, one of them singing freely. The song consists of five notes & suggests both the Bay-wing & the Black-throated Green Warbler. Also saw one Bay-breast, one Tennessee, 5♂ & 1♀ Scarlet Tanagers (all together & very tame). The ♀ gave the Chip-churr. Swainson's Thrush singing. One Sandpiper (Tatnarum) by rocky sea. Myriads of Barn Swallows.

24. Across the salt Marshes from Franklin Park to Oak Island in rain. Saw about 8 Sharp-tailed Sparrows. Shot but one — on Sangus side. This was contagious. As many as 25 Willet Yellow-legs and several Peeps on the marshes. Up the Woburn road in eve. Heard 4 or more Whippoorwills. The first one sang at 7.30.

26. Three Gray-cheeked Thrushes on Hill St., Lexington, one singing freely both in the morning & afternoon. The song precisely like that of the bird I found on summit of Mt. Graylock several summers ago. The Hill St. bird appeared to be a small one — probably Bicknelli. Flight spiroing of the wings while singing.

27. Walked from Wayland to Concord with C.E.F. & B.T. Found neither the Orchard Orioles nor the Great-crested Flycatchers in their wonted places. Nine Hurlow's Buntings in three different localities. One Gray-cheeked Thrush singing.

June

1. 86°

2. 90°. To Bedford with C.E.F. & B.T. Very few Herons in ♂'s heronry. Noticed four nests with young.

4. Pleasant. Went to Mt. Graylock to spend the rest of the month.

5. Rainy. Up the Graylock turnpike as far as Money Brook. Apple-trees still in flower here. There only nine Barn Swallows' nests at Mr. Eddy's this season. Found three Tree-birds' nests — two of these

14. Chætura pelagica. 4.5.6.7.8.9.10.11.12.13 P. 14.15.16.17.18.19.20.21 P. 23.24.25.29.

15. Tyrannus tyrannus. 6.8.9.10.11.12.13 P. 14.16.18.19.20.25.27 b. 30.

16. Sayornis phœbe. 4.5*.6*.7.8.9.10.11.13 P. 14*.15*.16.17*.18.19*.20*.21* P. 22.24*.25*.27 b. 28*.29*

17. Contopus borealis. 5*.6*.11*.23.

18. " virens. 4.6.7*.10.13 P. 15.16*.18*.21*.22*.25*.26.28*.29*

19. Empidonax trailli. 4*.5*.6*.7*.8*.9*.10*.11*.12*.13*.15*.16*.17*.18*.19*.20*.21 P. 23*.26*.28*

20. " minimus. 6*.10*.15* P. 16*.17*.18*.19*.20*.21*.22*.24*.25*.28*

21. Cyanocitta cristata. 5.6.7.8.9.11.12.17.18.19.23.24.25.26.28.29.

22. Corvus americanus. 4.5.6.7*.8.9.10.11.12.13 P. 14.15.16.17.18.19.20.21.22.23.24.25.26.27 b. 28.29.

23. Dolichonyx oryzivorus. 4*.5*.6*.8*.9*.10*.11*.12*.13* P. 15*.16.17*.18.19.20.21* P. 24*.25.27* b. 28*.

24. Molothrus ater. 20.

25. Agelaius phœniceus. 10*.16*.20*.21* P. 27* b.

26. Sturnella magna. 10*.13* P. 18*.20*.25*

27. Icterus galbula. 6*.9.10*.13* P. 15.16*.18*.21* P. 24*.25.28.

28. Euscalus ater. 10.13 P. 16.20.21 b.

29. Carpodacus purpureus. 5.6*.7*.9.10.12*.13* P. 16.17*.18*.21*.22*.27*.29*

30. Passer domesticus. No. Adamsvill., Blackinton, Williamstown, Pittsfield.

31. Loxia minor. 5.6.7.10.23.29.

32. Spinus tristis. 5.6*.7*.8.9.10.11.12.13 P. 14.15.16.18*.19*.20*.21 P. 22.23.24.26*.27* b. 28*.29.

33. Poœcetes gramineus. 4.6*.7*.8*.9*.10*.11*.13* P. 14.15*.16*.17*.18*.19*.20*.21* P. 22*.24*.25*.27* b. 28*

34. Zonotrichia albicollis. 7*.8*.12*.15*.18*.23*.26*.29*

35. Spizella socialis. 4*.5*.6*.7*.8*.9*.10*.11*.12*.13* P. 14*.15*.16*.17*.18*.19*.20*.21* P. 22*.23*.24*.26* 27* b. 28*.29*

36. Spizella pusilla. 6*.7*.8*.9*.10*.11*.12*.13*.15*.16*.17*.18*.19*.21* P. 22*.24*.25*.26*.29.30*

37. Junco hiemalis. 4*.5*.6*.7*.8*.12*.14*.15*.18*.22*.23*.24*.25*.26*.28*.29*

38. Melospiza fasciata. 4*.5*.6*.7*.8*.9*.10*.11*.12*.13* P. 14*.15*.16*.17*.18*.19*.20*.21* P. 22*.23*.24* 25*.26*.27* b. 28*.29*

39. Melospiza georgiana. 6*.11*.15*.16*.19*.21*.22*.24*.27* b.

40. Pipilo erythrophthalmus. 6*.8.15*.18*.21*.26*.27*.29*

41. Habia ludoviciana. 4*.6*.7*.8*.9*.10*.11*.15*.16*.13*.16*.21* P. 22*.23*.24.26*.29*

42. Passerina cyanea. 6*.7*.8*.10*.11*.13*.15*.16*.17*.18*.19*.20*.21* P. 22*.23*.24.26*.29*

43. Piranga erythromelas. 4.5*.6*.7*.13.14.15*.19*.20*.21*.23*.24*.25*.26.29*

with four eggs, one with young.

6. To the Natural Bridge in A.M., over the Bellowspipe in P.M. A Swamp Sparrow singing in the wet ground near the North Adams reservoir. Two or more Rough-winged Swallows over the Natural Bridge.

Rough-winged ? W.F. July, 1895

7. Beautiful day. Up Graylock by the carriage-road and back by the Bellowspipe. Erythronium americanum and Claytonia in flower on the summit, while the deciduous trees are just leafing out. Black-Throat'd Green & Blackburnian Warblers common, & few Myrtle Birds and Peabody Birds near summit. No Swainson's Thrushes anywhere on Winter Wren (on South side of the Bellowspipe).

10. To Williamstown & back via Blackinton & few Crow Blackbirds in pines in the College campus. One Brown Thrush near North Brook above Eddy's.

12. Warm & pleasant. Up Graylock & back by turnpike. No Swainson's Thrushes, two White Wrens.

13. 90°-92° in the shade. To Pittsfield & out to Onota & Pontoosuc Lakes. E.E.F. saw a Yellow-billed Cuckoo from the train while we were on the way to Pittsfield. One Swainson's Thrush singing on North Brook below the Cascade.

14. Hot as yesterday. Heavy Thunder-shower in P.M.

15. Pleasant, cooler. E.E.F. returned home. To Mr. Adams in A.M., beyond the Bellowspipe in P.M.

16. To Blackinton & beyond to pond at confluence of Hoosic & Green Rivers. One Chat singing in sprout-land near the White Pines above the Braytonville school-house. One Swamp Sparrow back of Grimes's house in Blackinton and several at

44. Petrochelidon lunifrons. 4.5.8.9.10.11.13P.15.16.17.18.20.21P.22.24.25.27 6.28.29.
45. Chelidon erythrogastra. 4.5.6.7.8.9.10.11.12.13P.14.15.16.17.18.19.20.21P.22.23.24.25.26.27 6.28.29.
46. Tachycineta bicolor. 13 P.
47. Clivicola riparia. 6. Perhaps Stelgidopteryx serripennis (July 1.95)
48. Ampelis cedrorum. 6.8.10.11.13P.16.17.18.19.20.21.22.23.24.25.26.27.28.
49. Vireo olivaceus. 4*.5*.6*.7*.8*.9*.10*.11*.12*.13*P.15*.16*.17*.18*.19*.20*.21*P.22*.23*.24*.25*.26*.27*6.28*.29*.30*.
50. " gilvus. 10*.13*P.20*.21*P.
51. " flavifrons. 16*.24*.
52. " solitarius. 7*.8*.11*.18*.20*.26*.

20. Limnotis vermivora sp.

22. W.B. reports the "Kicker" (Little Black Rail?) singing on Tonawanda River opposite Bull's Hill, 11 o'clock P.M.

53. Mniotilta varia. 5*.6*.7*.8*.15*.17*.19*.23*.24*.26*.28*.
54. Helminthophila ruficapilla. 5*.6*.7*.8*.9*.11*.12*.14*.
55. Compsothlypis americana. 17*.
56. Dendroica aestiva. 10*.16*.20*.21*P.27 6.
57. " caerulescens. 5*.6*.7*.8*.9*.11*.12*.13*.15*.17*.18*.24*.28*.29*.
58. " coronata. 4*.5*.7*.9*.12*.23*.29*.
59. " maculosa. 5*.6*.7*.8*.9*.10*.11*.12*.13*.14*.15*.18*.19*.20*.21*.23*.24*.25*.26*.29*.
60. " pensylvanica. 4*.5*.6*.7*.8*.9*.10*.11*.12*.15*.17*.18*.19*.21P.22.23.26*.27*.29*.
61. " blackburniae. 5*.6*.7*.11*.12*.18*.23*.27*.28*.29*.
62. " virens. 4*.5*.6*.7*.8*.10*.12*.14*.15*.16*.17*.18*.19*.21*.22*.23*.24*.25*.29*.
63. Seiurus aurocapillus. 4*.5*.7*.10*.11*.12*.13*.*.14*.17*.18*.19*.21*.*.23*.26*.27*.28*.29*.
64. Geothlypis philadelphia. 4*.5*.6*.7*.8*.9*.11*.15*.17*.18*.23*.25*.26*.29*.
65. " trichas. 5*.6*.10*.11*.13*P.15*.16*.17*.19*.21*P.23*.24*.26*.27*6.29*.

the pond above mentioned, also two Fuscous Warblers there. Mr. says they breed in Blackstone, also that the Horned Lark, Upland Plover, Solitary Sandpiper (?) and Red-headed Woodpecker breed in the neighborhood. Found a Yellow-throated Vireo singing in the river just below Blackstone.

17. Not. To Mt. Adamsville in A.M. Shower in P.M.

18. Down to Paul's in A.M. To Bellingham on Ragged Mt. in P.M. A Mourning Warbler on Ragged Mt. & another in the open land on Gayloch range opposite. Cloudy.

21. To West Pittsfield, thence on foot to Pittsfield by way of Barker's Lower Village. The wood's at the bottom place where Mr Grimes says he used to find the Hooded Warblers have been cut down. Saw a Coot (Fulica) from the car windows while passing along the edge of the Thrushin Reservoir (below Farnum's).

23. Up Gayloch & ret. by turnpike. Saw a fox on the turnpike below the Mountain Pasture and the tracks of a deer in the road by the side of the road a little less than a mile from the summit. Three Swainson's Thrushes singing. Birds on summit: Robin, Hermit Thrush, Swainson's Thrush, Brown Creeper, Snowbird, Peabodybird, Mourning Warbler, Chimney Swift, Myrtle-bird.

24. Two Yellow-throated Vireos singing on the Winter Road (one above the Cascade, the other below the limestone quarry.

25. A Yellow-billed Cuckoo on the road just below Paul's.

26. Around Ragged Mt. in P.M.

66. Seiuria virens. 16*

67. Silvania canadensis. 5* 6* 7* 8* 12* 15* 18* 23* 28* 29*

68. Setophaga ruticilla. 4* 6* 8* 9* 10* 13* P. 14* 15* 16* 17* 18* 19* 21* P. 22* 24* 26* 27*

69. Galiosceptes carolinensis. 6. 8* 13* P. 15. 16* 17* 18* 20* 21* P. 26* 27 28.

70. Harporhynchus rufus. 6* 9* 10* 17* 18*

71. Troglodytes ædon. 13* P.

72. " hiemalis. 7* 8* 12* 15* 23* 29*

73. Certhia americana. 5. 7* 12* 23* 29*

74. Sitta carolinensis. 25. 26.

75. " canadensis. 5. 7. 12. 23. 29.

76. Parus atricapillus. 5. 6. 7* 8. 9. 12* 13 P. 15. 20. 21* 23. 24. 28* 29*

77. Regulus satrapa. 6* 7* 12* 15. 28* 29*

78. Turdus ustulatus. 6* 8* 9* 13* 21* P. + No. Ad. 22*

79. " fuscescens. 4* 5* 6* 7* 8* 9* 10* 11* 12* 13* P. 14. 15* 16* 17* 18* 19* 21* P. 22* 23* 24* 25* 26* 27* 6. 28* 29*

80. " swainsonii. 13* 21* 23* 27* 29*

81. " pallasii. 5* 6* 7* 8* 9* 10* 11* 13* 14* 15* 17* 18* 19* 20* 21* 22* 23* 24* 25* 26* 27* 28* 29*

82. Turdus migratorius. 4. 5. 6* 7* 8* 9* 10. 11. 12* 13* P. 14. 15* 16. 17* 18* 19* 20* 21* P. 22. 23* 24* 25* 26. 27* 6. 28. 29*

83. Sialia sialis. 4. 5. 6. 8* 9* 10* 11* 13* P. 14. 16. 17. 18* 19. 20. 21 P. 22. 23. 24. 25* 26* 28* 30*

84. Spinus pinus. 5. 7.

85. Junco hyemalis. 4* 6* 9* 10* 11* 13* P. 14* 15* 16* 17* 18* 19* 20* 21* P. 22* 24* 25* 27* 6. 28*

List of Birds observed at Moultonboro', N. H. in 1892, July 25 – Aug. 1, 1892.

1. Urinator imber. Jul. 25* 26* 27* 28* 29* 30* 31* Aug. 1*

2. Podilymbus podiceps. Jul. 25. 26. 27. 29. 31.

3. Bonasa umbellus. Jul. 26. 29. 30.

4. Circus hudsonius. Jul. 26

Large hawk. Jul. 25. 26.

5. Haliæetus leucocephalus. Jul. 26. 27. 28. 29. Aug. 1

6. Coccyzus erythrophthalmus. Jul. 25* 26* 27* 28* 29* 30*

7. Dryobates pubescens. Jul. 26. 28.

8. Colaptes auratus. Jul. 29. 30. 31*

9. Antrostomus vociferus. Jul. 28* 30*

27. Rainy. To Fuller's (Cheshire) by rail & back on foot to Cheshire.
28. Down to Paul's and up thro' the swine & the Mountain Pasture and back to Mr Wilbur's by the carriage-road. Vanessa milberti appears.
29. Pleasant. Up Saylock by the turnpike & back by the Bellows Pipe. Birds on the summit, Robin, White-throat, Swainson's, Yellow-rump, Red-bellied Nuthatch, Winter Wren, Chimney Swift. Thunder-showers late in the evening.
30. Returned from Berkshire to-day.

July

4. Saw a Great-crested Flycatcher to-day between the Home for Feeble-minded Youth and Forest St., Waltham. Cool, pleasant day.
5. Went to Arlington to spend the remainder of the summer, but the afternoon found a White-throated Sparrow singing on the Milford side of the lower Mystic Pond. The only one seen (there appeared to be but one, altho' the bird seen did not sing as I was looking at it) was in the female or immature male plumage.
6. Around the Great Meadow, Lost Spring Brook, this morning. Saw or heard about six Red-bills' broods. One (close to the shore) appeared to be a young-of-the-year nearly full-grown. Another — adult — was seen with a recently-hatched young one on her back. The old one dived & left the chicken swimming alone, but soon the parent swam back to the latter which then clambered up on her back and concealed itself completely from view under her wings. With this burden the parent swam about for some time without diving, uttering a clucking note.
11. 90°
12. 90°

10. Chordeiles virginianus. Jul. 26. 27. 28. 30. 31.
11. Chaetura pelagica. Jul. 25. 26. 27. 28. 29. 30. 31. Aug. 1.
12. Trochilus colubris. Jul. 30.
13. Tyrannus tyrannus. Jul. 25. 26. 27. 28. 29. 30. Aug. 1.
14. Sayornis phœbe. Jul. 26.* 28.* 29.
15. Cyanocitta cristata. Jul. 27. 29.
16. Corvus americanus. Jul. 25. 26. 27.* 28. 29. 30. 31. Aug. 1.
17. Dolichonyx oryzivorus. Jul. 25. 27.
18. Agelaius phœniceus. Jul. 28. 30?
19. Carpodacus purpureus. Jul. 29.
20. Passer domesticus. Centre Harbor.
21. Spinus tristis. Jul. 25.* 26.* 27. 28.* 29.* 30.
22. Poœcetes gramineus. Jul. 26.* 27.* 28.* 30.*
23. Zonotrichia albicollis. Jul. 25.* 26.* 27.* 29.*
24. Spizella socialis. Jul. 26.* 27.* 28.* 29. 31.*
25. " pusilla. Jul. 26.* 27.* 28.* 29.* 30.*
26. Junco hiemalis. Jul. 28 Red Hill.
27. Melospiza fasciata. Jul. 26.* 27. 28.* 29.* 30.* 31.
28. " georgiana. Jul. 27.
29. Pipilo erythrophthalmus. Jul. 26.* 27.* 28.*
30. Passerina cyanea. Jul. 25.* 26.* 27.* 28.* 29.* 30.* 31.* Aug. 1.*
31. Progne subis. Jul. 25. 26. 27.* 28. 29. 30. 31.* Aug. 1.
32. Petrochelidon lunifrons. Jul. 26.
33. Chelidon erythrogastra. Jul. 25. 26. 27. 28. 29. 30. 31. Aug. 1.
34. Tachycineta bicolor. Jul. 25. 26. 27. 28. 29. 30.
35. Ampelis cedrorum. Jul. 25. 27. 28. 29. 31. Aug. 1.
36. Vireo olivaceus. Jul. 26.* 27.* 28.* 29.* 30.* 31.* Aug. 1.*
37. " gilvus. Jul. 25.* Centre Harbor.
38. " solitarius. Jul. 25.* Centre Harbor.
39. Mniotilta varia. Jul. 28.*.* 30.
40. Helminthophila ruficapilla. Jul. 28.
41. Compsothlypis americana. Jul. 28.

July

13. 91°.

14. 86°.

15. 88°. Young Purple Ma[illegible] box (Bevington).

16. Cooler. Cicada hea[illegible]

17. 62° at 8 A.M.

18. Pleasant. Walked [illegible] with R. H. Short-[illegible] foot approached u[illegible] singing. Birds li[illegible] to fly in disgust.

20. A Clark Island in P[illegible] with Mrs. Sparr[illegible] tail much like [illegible] song of the Shar[illegible] for the hay-cro[illegible] rows.

Jul. 25-Aug. 1. Spent at Dr. D. [illegible]

August

5. Over the Great Mea[illegible] afternoon. Saw [illegible] Blue Herons, [illegible] in marshes the [illegible] heads & eating [illegible] breasted Grosbe[illegible]

9. 88.6°.

10. 91°.

11. 92°.

13. Pleasant. Sailed f[illegible] sea but with cons[illegible] Gulls in Boston Ha[illegible] till outside Bost[illegible] ifax. Also saw [illegible] we saw little flock[illegible]

Yesterday closed a July than which no July has been hotter since that of 1876, 16 years ago, and none so hot since 1887. The mean temperature of the month rose to 73°. The average daily temperature was 1° above the normal.

The month was also notable for its dryness, the rainfall being 1.03 inches below the normal. Only five times in the past 20 years has the rainfall been one inch below the normal.

Another feature worthy of note in the July just gone is the fact that it included the hottest spell of weather Boston has experienced for the past 14 years. The weather bureau, for the purpose of comparing hot spells, groups three days and records their maximum, minimum and mean temperatures. On July 25, 26 and 27 of the past month a mean temperature of 83.6° was reached. The maximum was 96° and the minimum 72°. It is necessary to go back to July 1, 2 and 3, 1878, to find a parallel for this. The mean temperature for those three days was the same, 83.6°, the maximum 98° or 2° higher, and the minimum 69° or 3° lower.

The hottest July of the 22 since the weather bureau began making observations was that of 1872, when the mean temperature was 75°. The succeeding four Julys continued quite warm, only one of them falling below the mean of the past month. In 1873 the mean was 73°; 1874, 73°; 1875, 71°, and 1876 74°.

The Coldest July on Record

was that of 1884, when the mean was only 68°. The highest point reached by the mercury in any July on record was 101°, on July 10, 1880, and the lowest 46°, on July 22, 1874.

The month just expired did not start in as if it intended to break the record. Up to the 10th, the maximum did not get above 80°, and up to the 21st the mean was below the normal. The daily normal was exceeded on only seven of these 21 days. Then the thermometer settled down to serious work. On the succeeding 10 days the normal was exceeded nine times, yesterday being the only day on which the temperature fell below. From the 10th to the 16th, a warm wave prevailed, the highest point reached by the mercury being 91° on the 13th. A little touch of warm weather came on the 19th and 20th, and on the 22d the chief hot spell of the month set in, its climax being reached on the 26th, when the mercury touched 96° and the mean temperature rose 14° above the normal.

The dry weather of July was a continuation of the dryness of the preceding June. In the latter month the rainfall was about a quarter of an inch below the normal. At the close of that month the rainfall for 1892 was 3.01 inches below the normal. During July rain fell on 13 days. On the 1st and 3d days of the month there were several light showers; on the 10th a very light rain; on the evening of the 15th and morning of th 16th light showers, the two days being clear; on the 25th a brief shower early in the morning; on the 28th, light showers in the afternoon; on the evening of the 29th, light rain for several hours, and on the 31st (yesterday), heavy rain from 12:53 P. M. until after the end of the day. The rainfall of yesterday was the heaviest of the month, being .95 inch up to 8 P. M.

At the close of July the rainfall for 1892 was 4.04 inches below the normal. Nevertheless, this July was much more blessed with rain than the one that

Holds the Record for Dryness,

that of 1885, when the rainfall was only 1.44 inches. The wettest July in 22 years past was that of 1880, when 6.86 inches of rain fe l.

The following table gives the maximum and minimum temperatures, the departures from the normal temperature, and the rainfall from 8 P. M. to 8 P. M. on each day of the month:

Date.	Max.	Min.	Dep. from normal	Rainfall.
1	66	60	*8	.13
2	76	57	*5	0
3	78	64	*1	.53
4	74	62	*4	.17
5	70	59	*8	0
6	70	60	*8	0
7	74	57	*7	0
8	75	60	*6	T
9	74	58	*8	.04
10	86	62	0	.01
11	90	69	†7	0
12	88	69	†5	0
13	91	70	†7	0
14	87	72	†7	0
15	87	71	†7	.10
16	76	66	0	.15
17	76	54	*7	0
18	81	60	*2	0
19	83	63	†1	0
20	83	69	†4	0
21	75	58	*5	0
22	88	63	†5	0
23	86	69	†7	0
24	90	69	†9	0
25	94	73	†13	.32
26	96	74	†14	0
27	93	72	†11	0
28	83	68	†6	T
29	79	66	†2	.01
30	79	68	†4	.15
31	70	60	*5	.95

*Below. †Above.

Mean temperature, 73°; maximum, 96°; minimum, 54°. Total rainfall, 2.56 inches; normal, 3.59 inches.

[illegible] record via Pantry Brook [illegible] singing on fluc-[illegible] part of time while [illegible] Young Purple Martins nearly ready [illegible] Finches in the Marsh [illegible]. Flight of Sharp-[illegible] arrow. Heard the [illegible] on the Stakes set [illegible] the House Sparrow.

[illegible] boat with R. H. in [illegible], one Sora, a Great [illegible]. Cedar birds eating [illegible] on the lilac. [illegible] A young Rose-[illegible] 2 voice.

[illegible] at 12 M. with R. H. Smooth [illegible] forty or more Herring [illegible] in adult dress. No Petrels [illegible] usually to find [illegible] harbor. Several times [illegible] swimming on the

ly

3 91°.

14. 86°.

15. 88°. Young Purple Martins

16. Cooler. Cicada heard

17. 62° at 8 A.M.

18. Pleasant. Walked with R. H. Short-h first approached wi ovipsing. Bots like to fly in daytime

20. To Oak Island in P. M. with Mrs. Sparrow tail much like the song of the Sharp-tail. Saw the hay-cock rows.

Jul. 25–Aug. 1. Spent at Dr. D. D.

August

5. Over the Great Meado afternoon. Saw two Blue Herons, one in close by the fish + eating ic breasted Grebe

9. 86.6°

10. 91°.

11. 92°.

13. Pleasant. Sailed fro sea but with consid Gulls in Boston Har till outside Bostc ifax. Also three Ter we saw little floater

h a home without having the neighbor-
od invaded by undesirable elements.
ie of the best things about this growth
that the city of Boston is alive to its
portance and proposes to finish Com-
onwealth avenue at an early date, and
at the town of Brookline is fully pre-
red to do its part in the bringing of
nd within its own domain into the
arket for building purposes. The
tivity of both Boston and Brookline
eans an expenditure of money where
e return in taxable property will be
ry large.

THE MATRIMONIAL MARKET.

The matrimonial market is at a pre-
mium during the summer months. More
ngagements are made then than in all
f the other months of the year. Anxious
mothers with marriageable daughters
during all the spring months have been
n daily conference with the modistes to
e certain of that elegance of fit which
rings out symmetry of form and aids a
oung woman of fair education and
ood manners in obtaining an influential
areer in American society. These
mothers are to be commended. They
ave a right to dispose of their wares.
young woman is like a peach. It will
ot do for her to be courted and loved
o long any more than it will do to
ave choice peaches handled at a fruit
and until their delicate and velvety
loom is rubbed off. The rich or bright
r desirable young man is always on
he watch to find the best girl. It is
is first and last thought from the
ime he comes to manhood until he finds
er, or thinks he has found her, and it
s at a watering place that he has the
eisure and the opportunity to prose-
ute the search. The turning to the
vatering place as a matrimonial mar-
et is, therefore, a proper thing to
o, and the shrewd and intelligent
nothers of marriageable girls are abun-
antly justified in dressing up their
laughters in the best style possible and
naking them appear to advantage.

There are some cautions, however,
which they need to consider. It is said
hat maidens are coy and shy, and that
he best girls have to be caught as you
secure trout, by good angling, but it may
also be said with equal truth that the
best fellows are coy and shy. If there is
anything that a young man dislikes it is
o have young women thrust themselves
nto his society. He likes to take
he initiative, and if he thinks he
as found a prize, he will pursue his
bject in every form of skill that will
nable him to secure it. The girls at the
ummer hotels are sometimes too bold.
hey cross the invisible line of a deli-
ate sense of what is fitting. It needs
o messenger to tell a girl that a young
nan likes her. A subtle instinct tells
er that as quick as a flash of lightning,
nd there is no more delicate thrill
known to our nature than that which
passes through her being when she
s conscious for the first time that a
young man loves her. It is the answer
of soul to soul when she responds to
that instinct, and we all feel that rap-
ture ourselves. No matter how blase we
have become by our contact with the
world, we never come across these pas-
sages in novels without having our feel-
ings wrought up to a sort of divine
ecstacy. There cannot be too great
delicacy between young people who have
reached the time when they can act for
themselves. The young woman who
steps by the millionth part of an inch
beyond the line of what is right and
fitting has handicapped herself, so to say,
with the weight of a ton. A young
man may not be any better than he
ought to be, but the young woman who
is to control his life, and inspire his
soul, cannot angle in dangerous waters
while trying to catch him.

Some years ago at a well known

ox (Lexington).

ord via Pantry Brook
ging on fluc-
t of time while
g Purple Martins nearly daily
ctures in the Marsh
s. Flight of Sparr-
rows. Heard the
the Stakes set
th the House Spar-

at with R. H. in
ove Lora, a Great
e. Cedarbirds enter-
ing on the lily-
A young Rose-
ooce.

at 12 M. with R. H. two
forty or more Herring
adult dress. No Petrels
n nearly to Plut-
arbor. Several times
off swimming on the

July

3. 91°.

14. 88°.

15. 88°. Young Purple Martins nearly ready to leave box (Beverly).

16. Cooler. Cicada heard for first time.

17. 62° at 8 A.M.

18. Pleasant. Walked from Wayland to Concord via Pantry Brook with R. H. Short-billed Marsh Wrens singing on fluce-foot approached within 10 feet! Sat part of time while singing. Bobs like Cuckoo. Young Purple Martins nearly ready to fly in Dugan's

20. To Clark Island in P. M. Many Sharp-tail Sparrows in the Marsh with House Sparrows & a few Savannahs. Flight of Sharp-tail much like that of the House Sparrow. Heard the song of the Sharp-tail twice. Also on the stakes set for the hay-cocks, in company with the House Sparrows.

Jul. 25–Aug. 1. Spent at Dr. W. D. S's, Moultonboro', N. H.

August

5. Over the Great Meadow, East Lexington, in boat with R. H. in afternoon. Saw two Grebes, one Bittern, one Sora, a Great Blue Heron, several Green Herons, &c. Cedar birds continued to come to the meadow & alighting on the lily-pads & eating insects thereon. A young Rose-breasted Grosbeak singing sotto voce.

9. 88.6°.

10. 91°.

11. 92°.

13. Pleasant. Sailed from Boston on the "Olivette" for Halifax at 12 M. with R. H. Smooth sea but with considerable swell. Saw forty or more Herring Gulls in Boston Harbor — many of them in adult dress. No Petrels till outside Boston Harbor. Then common nearly to Halifax. Also three terns (Wilson's) in Boston Harbor. Several times we saw little flocks of Petrels (probably Wilson's) swimming on the

42. Dendroica coronata. Jul. 28.x
43. " pensilvanica. Jul. 26. 28. 30.
44. " virens. Jul. 26.x 28.x 29.x
45. " vigorsii. Jul. 28.x Centre Harbor.
46. Siurus aurocapillus. Jul. 26.x 27.
47. Geothlypis trichas. Jul. 26.x 27. 28.x
48. Setophaga ruticilla. Jul. 26. 28. 29.x 30.
49. Salicoplus carolinensis. Jul. 28.
50. Harporhynchus rufus. Jul. 25.
51. Turdus ustulatus. Jul. 26. 27. 28.x 29.x 30.
52. Turdus fuscescens? Jul. 26.
53. " pallasii. Jul. 25.x 26.x 27.x 28.x 29.x 30.x 31.x Aug. 1.x
54. Merula migratoria. Jul. 25. 26.x 27. 28. 29. 30.x 31. Aug. 1
55. Sialia sialis. Jul. 26.x 27.x 28. 29.

List of Birds observed in Nova Scotia, Aug. 14 – Sept. 4, 1892. Vic of L'Ardoise, Cape Breton, unless otherwise noted. H. = Halifax. D. = Dartmouth. M. = Mulgrave.

1. Urinator imber. Aug. 16.2 Isaac's Harbor. 29. 30.x
2. Larus marinus. Aug. 16. 17 Lennox Passage. 19. 25. 26. 31 Northumberland Strait. Sept. 2.
3. " smithsonianus. Aug. 14 H. 15 H. 16. 17 M. 18. 19. 22. 23. 25. 26. 30.
4. " philadelphia. Aug. 22. 25. 26. 31 Charlottetown, P.E.I. Sept. 1. 2. 3.
5. Sterna tschegrava. Sept. 4 100 m. W S W of Cape Sable.
6. " hirundo. Aug. 14 M. 16. 17 M. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31 Shediac, N.B. Sept. 1. 2.
7. Puffinus major. Sept. 4 67 m. W S W of Cape Sable.
8. Oceanites oceanicus. Aug. 14 off N. S. Sept. 4.
Petrel, sp. indet. Aug. 16 Skidnbucto Bay.
9. Sula bassana Aug. 16 off Cape Canso.
10. Phalacrocorax sp. indet. Aug. 29. 30 Lennox Passage.
11. Merganser (serrator?). 17 1♀ with 30 young. Lennox Passage.
12. Duck indet. Aug. 29.
13. Botaurus lentiginosus. Aug. 18. 19. 20.
14. Ardea herodias. Aug. 17 Lennox P. 18. 22. 25. 30 Lennox P.

water, congregated about some floating edible substance. When alarmed by the approach of the steamer they arose with great alacrity from the water and were quickly dispersed when on the wing.

14. Reached Halifax at 2.30 P.M. Fog last night and some rain this morning. Gull in Halifax Harbor with dark mantle and white edging wings — apparently smaller than Herring Gull. Went up to the citadel in P.M. Heavy rain all night.

15. Rain. In A.M. went across to Dartmouth by the ferry by the pond. In spruce woods on hill found a family of Hudsonian Titmice, another of Sandpiper crowned, one Empidonax flaviventris and a Geothlypis unknown. Proceeded at 6 P.M. by steamer "Premier" for Port Mulgrave. Rain all night.

16. Reached Mulgrave about 9 P.M. Went ashore for a few minutes when we touched at Pictou's Harbor on the way to Mulgrave. Outside Canso light two Jaegers crossed the steamer. Saw Savanna Sparrows in field at Canso Town when we went ashore for ½ hour in the afternoon. Good many Petrels in Chedabucto Bay — the first seen since we passed the S. part of Nova Scotia. Also flocks of Phalaropes (P. lobatus?) in the Bay. On wing look like "Peeps". Clear and beautiful in P.M. with fresh wind.
The Purser of the "Premier" (Mr. Montbourquette) recommends Lower L'Ardoise as a good station for observing birds as there are sand beaches accessible from that place.

17. Pleasant. Back of Port Mulgrave the land slopes up steeply into white spruce forests where we found Hudsonian Chickadees, 1 Yellow Redpoll, 1 Ruby Kinglet, 1 Yellow-bellied Flycatcher, &c. Left Mulgrave at 4 P.M. by Steamboat "Magnolia" for St. Peter's thro' Lennox Passage. Saw

Yellow-throated Warbler, Red-breasted Nuthatch, Hudsonian Chickadee

15. Phalaropus lobatus. Aug. 16 (50±) Charlotte Bay. Sept. 4 (30) WSW of Cape Sable.

16. Gallinago delicata. Aug. 18.19.20.21.24.25.28.29. (7.8.9.3.6.2.1)

17. Macrorhamphus griseus Aug. 25. (2 (1 shot)). 29. (1)

18. Tringa canutus. Aug. 22. (2 (1 shot)). 23. (1). 25. (2). 26. (2). 29. (1) ✓

19. " maculata. Aug. 19. (1). 22. (2). 26. (1) ✓

20. " fuscicollis. Aug. 19.20.21.22.23.24.25.26.29.

21. " minutilla. Aug. 18.19.20.21.22.23.24.25.26.29. (6.5.6.24)

22. Erunetes pusillus Aug. 18.19.20.21.22.23.25.29.

23. Calidris arenaria. Aug. 18.19.20.22.23.25.26.29. (3.6.(400)+.10.20.1)

24. Limosa haemastica. Aug. 22. (5 (1 shot)). 23. (5). 25. (2). 26. (1). 29. (1) ✓

25. Totanus melanoleucus. Aug. 18.19.20.21.22.23.24.25.26?.29. (6.4.3.1.12.10.6.2) ✓

26. " flavipes. Aug. 19.20.22.23.25.26.27.29. (6.6.4.3.2.5.1.4)

27. " solitarius. Aug. 19.22.25.26.29. (2.3.1.1.1)

28. Actitis macularia. Aug. 17 Lower P. 18.19.20.21.22.23.26.24. Sept. 2 Beaver Harbor. (3.3.6.6.2)

29. Numenius hudsonicus. Aug. 24. (12). 25?. 26?. (1.1)

30. " borealis. Aug. 24. (6). 26?. (7) ✓

Circlus undet. Aug. 21. (2). 22. 23. (6.6). 25. 29. (1)

31. Charadrius squatarola. Aug. 18. (5). 19. (24)+14. 20. (40)+2. 22. 30. 23. (37)+23. 24. (10). 25. (10). 26. (20). 29. (5)

32. " dominicus. Aug. 26. (20). 29. (12) ✓

33. Aegialitis semipalmata Aug. 18.19.20.21.22.23.24.25.26.28.29.30. Sept. 2 Beaver Harbor.

34. " melodus. Aug. 22.23.26. (1.1.1) ✓

35. Arenaria interpres. 18.19.20.21.22.23.24.25.26.29. (8.2.30.25.15)

36. Bonasa togata. Aug. 20. (2)

37. Circus hudsonius. Aug. 18.22.23.25. Sept. 2 Isaac's Harbor. (2.1.1.1)

38. Accipiter velox? Aug. 26. (1)

" cooperi? Aug. 30. (1)

Large hawk. Aug. 27. (1)

39. Pandion carolinensis. Aug. 22.23.24.26. Sept. 3 St. (K. N.) (1.2.1.1) ✓ [Charlottetown, P.E.I. 3 St.

40. Ceryle alcyon. Aug. 17 M. 18.20.21.23.24.26.27.29. 30 St. Peter's, Newchebucto, 31 Summerside, P.E.I. Sept. 1 (1.1.2.2.1.2.2.1.1.35.2)

41. Dryobates villosus. Aug. 17 M. 30 St. Peter's. (1.1)

42. Sphyrapicus varius. Aug. 17 M. (1)

43. Colaptes auratus. Aug. 15 D. 17xx. M. 18x. 23.24.28. Sept. 3 D. (1.1.1.1.1)

in bunny Passing small Gulls (Kittiwakes?), several Great Blue Herons and a Merganser (Red-breasted?) with 30 young! Arrived at St Pierre at about 6 P.M., where we spent the night.

18. Went this morning by the mail-wagon to Lower L'Anse, a small fishing Hamlet. Put up at Mr. Jos. Monbourquette's at Little Harbor. Great quantities of Peeps, Ringnecks and several snipe near the house. The Snipe feed (in the open much of the time) on the edge of a little creek a few rods away from the house & close to the waters from the windows! Wilson's Terns chasing Marsh Hawk. In P.M. to beach beyond Reef Point. Many Turnstones, fine Black-bellied Plovers &c.

19. By shore to the West beach and back by the road. Great many Black-bellied Plover (20 in one flock), 1/2 dz. Yellowlegs by pond back of beach. A Raven flew over barking & talking like a wild-goose but more distinct in the West beguiling note I ever heard.

20. To pond back of the West Beach again in A.M. The familiar mated Sandpipers (Tringa fuscicollis) have a quavering whinny; and a light chip when on wing. Tringa minutilla a tremulous peep when flying. Tringa fuscicollis has a chip when on the wing (blending the chip of Ereunetes pusillus) and on the ground it has a whinny similar to Ereunetes but lower pitched - reminds one of Virginia rail's notes. Tornatoes emit a rattling cry when flying. The ordinary call of Totanus flavipes is less musical than that of T. melanoleucus, with a great interval between the 2d and 3d notes. T. melanoleucus often stands & emits a long series of notes one day for an indefinite length of time. In P.M. into the woods, 2 Canada Jays and 2 Ruffed Grouse (B. umbellus togata).

44. Chordeles virginianus. Aug. 14 H. 17 M. 30 M.
45. Chætura pelagica. Aug. 15 D. 17 M.
46. Tyrannus tyrannus. Aug. 17 M. 30 M.
47. Empidonax flaviventris. Aug. 15 D. 17 M.
48. Tyrannicitta crisata. Aug. 30.
49. Perisoreus canadensis. Aug. 20. 30.
50. Corvus principalis. Aug. 19. 25. 26. 30. Sept. 3 D.
51. " americanus. Aug. 15 D. 16 Isaac's Harbor. 17 M. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30.
Sept. 2 Canso Town. 3 D. & H.
52. Carpodacus purpureus. Aug. 17 M. 24. 25. 26. 30. Sept. 3 D. ✓
53. Passer domesticus. H., D., Charlottetown & Summerside, P.E.I.
54. Loxia leucoptera. Aug. 19.
55. Spinus tristis. Aug. 14 H. 17 M. 24. 31 Summerside, P.E.I.
56. Junco hyemalis. Aug. 16 Canso Town. 17 M. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29.
30. 31 Summerside, P.E.I. Sept. 2 Canso Town. 3 H.
57. Zonotrichia albicollis. Aug. 17 M. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. Sept. 3 H. & D.
58. Spizella socialis. Aug. 15 D. 17 M. 31 Charlottetown, P.E.I.
59. Junco hiemalis. Aug. 15 D. 16 Isaac's Harbor. 17 M. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 29. 30.
Sept. 3 H. & D.
60. Melospiza fasciata. Aug. 15 D. 16 Canso Town. 17 M. 18. 19. 20. 21. 22. 24. 25. 26. 27. 29. 30.
31 Charlottetown, P.E.I. Sept. 3 H.
61. Melospiza lincolnii. Aug. 25. 26. 29.
62. " georgiana. Aug. 20. 26. 28.
63. Petrochelidon lunifrons. Aug. 15 D. Sept. 3 D.
64. Chelidon erythrogastra. Aug. 14 H. 15 D. 16 Isaac's Harbor & Canso Town. 17 M. 18. 19. 20. 21. 23. 24.
25. 26. 28. 30. 31 Charlottetown, P.E.I. Sept. 3 D.
65. Tachycineta bicolor. Aug. 20. 21.
66. Clivicola riparia. Aug. 18. 19. 20. 21. 22. 23. 24. 29. 31 Charlottetown, P.E.I.
67. Ampelis cedrorum. Aug. 17 M. Sept. 3 H.
68. Vireo olivaceus. Aug. 17 M.
69. " solitarius. Aug. 17 M. 3 D.
70. Mniotilta varia. Aug. 17 M. 18. 27. 28.

21. Heavy rain. In woods back of L'Ardoise A.M. & P.M. Two Black Poll Warblers in autumnal plumage.

22. Bright, clear & breezy, wind nor'erly. To the East and West Beaches near Michaux Point. Bonaparte's Gulls walking on the surface of the water when feeding. Two Shrike (young) or Hawk seen by the West Beach. Six Hudsonian Godwits and a Piping Plover on the flats between the two beaches. Many Black-bellied Plover on flats between the beaches (mostly in adult plumage). About 400 Sanderlings on the East Beach, following the receding water back and turning as soon as the waves again move the beach. Note a monosyllabic whit. Note of Knot also a monosyllable. Piping Plover two notes — 2° lower than 1st.

23. Pleasant, 56° at 7 A.M. To the beaches. The Hudsonian Godwits are waders in deep water. The White-rumped Sandpiper two waders seen in deep water than the other Tringæ. The Black-bellied Plover is much given to feeding in the Upland here like the Golden Plover but is also found commonly on the flats and beaches. Turnstones also off from the Upland.

24. On the Sydney road in woods found nest containing one egg (addled) of Swainson's Thrush. Built in Fir, 8 or 9 feet from ground. In P.M. on the ridges found Hudsonian Curlews (12) and Esquimo Curlews (6). They keep one or two of their number as sentinels on the top of the ridge while the others are feeding! Note of Esquimo Curlew a long series of monosyllables ending up with one of lower pitch. Sailing flight of Curlews. Curlews said to have been in the "barrens" three weeks ago.

25. Pleasant, 58° at 7 A.M. Three Lincoln's Sparrows in the opening

71. Dendroica aestiva. Aug. 17* M. 20. 24.

72. " coronata. Aug. 15 D. 17 M. 18. 21. 24. 25. 27. 30. 31 Charlottetown, P.E.I. Sept. 3 M. & D.

73. " maculosa. Aug. 17 M. 21.* 24. 27. 28.

74. " striata. Aug. 21. 30.*

75. " virens. Aug. 17 M. 18. 24. 27. 30.

76. " hypochrysea. Aug. 17 M. 18. 21. 24. 25. 26. 27. 28. 29. 30.

77. Geothlypis trichas. Aug. 20. 21. 24. 25. 26. 28. 29. 30.*

" sp. indet. Aug. 15 D.

78. Setophaga ruticilla. Aug. 15 D.

79. Sitta canadensis. Aug. 18. Sept. 3 D. & M.

80. Parus atricapillus. Aug. 17 M. 18.* 24.* 27.* 30.* 31 Charlottetown, P.E.I. Sept. 3* M. & D.

81. " hudsonicus. Aug. 15 D. 17 M. 18. 20. 24. 27. 30. Sept. 3 D.

82. Regulus satrapa. Aug. 17 M. 18. 20. 24. 27. 30. Sept. 3 D.

83. " calendula. Aug. 17 M.

84. Turdus swainsonii. Aug. 24. 27.

85. Merula migratoria. Aug. 15 D. 17 M. 18. 20. 21. 22. 24. 25. 26. 27. 29. 30. 31 Charlottetown & Summerside, P.E.I.

moss hollows among the upland pasture near the shore. These hollows support a thick growth of low Black & White Spruce with openings between. In them one sees the Juncos & Lincoln's Finch in a more Hedgehog-like than the Song Sparrow – does not jerk his tail so much and is more silent. In P.M. to Michener Point. 2 Nuthatches, 2 Knots and 2 Macrorhamphus griseus. The latter appears to be a greedy bird making quick thrusts in the mud with its long bill. Then shot Tufted Duck.

26. Rather warm, & W wind. Saw Lincoln's Finch in A.M. in the sphagnum hollows, on edge of big sphagnum swamp in the "Barren" and two in Pasture Spruces a little way from the sphagnum hollows. In P.M. to beaches. Flock of 20 Golden Plover in the upland. Habit of Gallinule. Mostly in full summer plumage.

27. Cool, Cloudy – Walked to Grand River, taking dinner at 2 P.M. Murchison's, and back in P.M. The swallows have now nearly all gone. The Hawk swallows breeding in the shore cliffs at Little Harbor.

28. Rain, N E wind.

29. Clearing. To beaches in A.M. In the hills in P.M. Saw Lincoln's Finch in White Spruces near the beach very in upland.

30. Clear. Started at 6.15 A.M. to walk to St Peter's in order to take the boat for Sydgrave. Lost the road and reached St. Peter's at 10.15 A.M. after a forced 15 miles walk too far inland. Saw Cannon Jays, 4 Blue Jays, a Raven chased by a Crow, etc. The Raven has a

7. Scotblyfis agilis, nu, B. Torrey.

Aug.

with crunk, crunk, crunk, beside its hunk. Left Mulgrave at about 7 P.M. on the "Pocumcuc" for Prince Edward Island.

31. Pleasant. On boat. Touched at Charlottetown and Summerside, P.E.I. The island is fertile, well-cultivated red soil.

Sept.

1. Back to Charlottetown again this A.M. Rain. In shop saw a stuffed Sora hawk killed in Nova Scotia and a woodcock from P.E.I. which said to be common. Proceeded on return voyage.

2. Pleasant. Touched at Canso Harbor, Jones's Harbor, and put in to Beaver Harbor to take a disabled schooner in tow to Halifax. Also touched at Sheet Harbor but in swing.

3. Pleasant. Arrived at Halifax about 7 A.M. Went out to Dartmouth in A.M. In P.M. across the Northwest Arm into hilly country with a good lot of White Pine and hardwoods. Left on the "Olivette", sailing for Boston at

4. 4 A.M. Pleasant day, smooth sea. Wilson Petrels. Grand Shearwaters (60 miles W SW of Cape Sable). The Shearwaters rise from the water with great difficulty. The first one that we saw was right under the stern of the steamer and we at first threw him a biscuit but he got off with much difficulty

5. Arrived in Boston early this A.M.

7. Around the Great Meadow, E. Bay. in A.M. Two Water Thrushes and five Canada Nuthatches seen. B. Torrey saw a Brown Creeper on the 15th of August.

C. H. Buckingham of Pittsfield, Mass. found a nest of the Horned Lark with 4 fresh eggs, July 10, 1892, in a sheep pasture on the crest of a treeless mountain west of Pittsfield. Nest on ground, it is in

Oct. 1 White-bellied Swallows – R. H.

diam., sunk in even with the ground, & composed of a thick wall of moss lined with dry grass; also several locks of wool and two or three leaves. Eggs shape of English Sparrow's, of a pale greenish ground color, spotted indistinctly, but thickly, with light brown & purplish. The spots are not at all clearly defined & not perceptibly thicker at one end than at the other. The eggs measure, .62 x .84 in., .61 x .85 in., and .61 x .83 in. (The 4th was got sucked & was not measured.) Saw 5 or 6 other birds of the same kind near the place, but could not find another nest. — Henry B. Buck in litt. to W. Brewster, Sept. 6, 1892.

19. To Lexington with E.E.F. Walked from L. up Burlington Road to School-house, thence across Vine Brook and through woods to Simonds' & back to Lex. Shot one Dendroica castanea.

21. Walked from Arlington to Waltham in A.M. Saw Dendroica castanea in Waltham near schoolhouse cor. Winter & Lincoln St.

25. Warm. From Arlington over the Heights, down Marsh St. & over to the Great Meadow, E. Lex. in A.M. with R.H. 5 or 6 Dendroica palmarum in the Gray Birches on Marsh St. To Mystic Pond and the Linnaea woods in P.M.

24. Over the salt marshes from Franklin Park to Oak Island & to Nahant in P.M. Saw but few Sharp-tails. Shot one — sandpiper, but saw several that appeared to be Baird's. Wednesday.

Oct.

2. Came off cool yesterday afternoon. To-day clear and cool with NW wind. Out all day with R.H., walking from Arlington thro' Devil's Den over the Heights to Great Meadow, East Lexington. Great rush of birds. See daily list, 47 species. The first White-crowned Sparrow was in the bean-field on the east side of Great Meadow; it was a young-of-the-year. Note, a whit. The others (one, or possibly two) were near a tiny little alder swamp on the way across from the Great Meadow to the Woburn Road. The Lincoln's Finch was in the same alder thicket, a swampy — with Swamp & Song Sparrows. He was silent. Shot the L.F.

Zonotrichia leucophrys, Concord, N. Hampshire

Oct. 9 1 ad.

" 10 1 ad. & 1 young

" 11 1 young, same place as on the 10th

7. To the marsh where Mill Brook empties into the Lower Mystic Pond, before breakfast. Found a Lincoln's Finch in a clump of bushes near the edge of the marsh. In the afternoon searched the marsh again carefully but saw no Lincoln's Finches. Great deal of White-throated, song and swamp Sparrows.

9. To Mystic Pond a little before breakfast. Found the Lincoln's Finch again, the same clump of bushes. Watched him for some time without attracting him. He was preening himself most of the time, note a low tsip and a tsup. At times the feathers of the breast were so disposed as to form a marked spot in the middle, as in a Savannah Sparrow. After breakfast walked thro' upper Mystic St. and around Mt. Arlington St. Saw a Connecticut Warbler in adult ♂ plumage near the spot where the Yellow-throat was seen, and two White-crowned Sparrows (one in adult dress, the other immature). Numerous of Yellow-rumps. Bright rain in P.M.

10. Cold, clear, frosty morning, temp. 45° about. Found the Lincoln's Finch in the same bush again at 6 A.M. together with a White-crowned Sparrow and several Swamp and Song Sparrows. The flight of the Lincoln is more like the Song than it is like the Swamp Sparrow's but it flirts the tail less than the Song Sparrow does.
This P.M. R.H. found a Lincoln's Finch battling in a little pond in the Botanic Garden, Cambridge, in company with a few Swamp and Song Sparrows.

11. Warmer, pleasant. At visit to the bush this A.M. at 6.30 discovered a White-crown there with Song and Swamp Sparrows, but no Lincoln's. The note of the White-crown resembles the Purple Finch's *pink*, or perhaps still more closely the corresponding note of the Swamp Sparrow. I think it also has a tsup. The Swamp Sparrow is a bugna-

15. White-bellied Swallow. C.E.F.

Nov.

5 Kinglets (Winter?) reported in Brock Bay.
2 Cedar birds (W.B.)
9 Cedar birds (C.E.F.)

19 Saw one Circus hudsonius at Wanderer. Cedar birds (C.E.F.).
20 Circus hudsonius seen by C.E.F. (T. Plain?)

21 Pine Grosbeaks heard in Concord by W.B.

cious little fellow, driving off the other sparrows and warblers from the bush.

12. R. H. saw a full-plumaged White-crown this morn. near the dye-mill on other side of Mystic St. from where we saw one on the tenth and eleventh. The autumnal foliage is now at its best — finer than I remember have seen it in E. Mass. for a great many years.

15. R. H. saw a White-crowned Sparrow (Zonotrichia) near the edge of Great Meadow, Lexington this A. M. & I saw another (also a young one) near Mystic Lower Pond. To hear us warbler in P. M. with G. S. M. Jr.

18. From A. to Great Meadow and back to A. with R. H. H. One young White-crown on edge of Mystic Pond. Tree Sparrows (2?).

21. From A. to Great Meadow with R. H. H. Two Sparrows & 1 Shrike, the latter singing.

24. A Pied-billed Grebe was shot on Spy Pond this afternoon.

Nov. 3. Cistothorus palustris again near Fort Pond.

5. Cold, windy, with snow (about an inch). To Nahant in P. M.

6. Walked from East Lexington to Arlington in A. M. The Great Meadow is skimmed over with ice, with a few open places in which were a flock of 10 Black Ducks and a flock of 6 Coots (Fulica). In P. M. to Fresh Pond swamps. Large flocks of Blackbirds (Redwings & probably Rusties also). The Redwings came into the swamp Oct. 26. Also found two Winter Wrens near Little Pond and a Long-billed Marsh Wren in the Cat-tail Flag near Fort Pond.

9. B. Torrey saw to-day a finch with white wing-bars like O. aiken's under his window this morning. G. S. M. Jr. tells me he shot one on Cape Cod with white wing bars. It was a normal hiemalis in all other respects.

24. Thanksgiving Day — Hunt at J. P. Cold for the Season.

25. To Ipswich with G. E. F. Put up at the hotel. Walked over to the hills

Dec.

2 & 3 Flock of about 12 Pine Grosbeaks in Lexington (R. H.)

4 Two flocks of " " " Wellesley, 6 (1 ♂) & 10 (5 ♂). B. T.

11 Flock of 5 P. G's, Arlington (Forest St.)

17 1 or 2 " Waverley

17 Field Sparrow seen by B. T. & again in same place, Jan. 8, 1893.

beyond Eagle Hill in P. M. Good many Shore larks.

26. Spent the day among the Sandhills. Large flocks of Snow Buntings and Shore larks but no Lapland Longspurs.

27. Flock of about half a dozen Pine Grosbeaks in Black Spruce woods back of the village. Good many Yellow-rumps.

28. To Eagle Hill in A.M.

29. Returned from Ipswich this A.M.

Dec.

17. At Waverley this afternoon found a catbird by the stone wall between the pine grove and the Hospital grounds. He appeared to have one wing (the left) injured. It hung down constantly. Yet the bird was able to fly well & seemed in good spirits — mewed and rattled once.

18. Walked from Baker's Bridge to Concord & back via Concord Turnpike and Lexington Village & Pierce's Bridge. Twenty-one Pine Grosbeaks feeding on Hop-hornbeams in Lexington — one bright red bird among them. E.E.F. saw flock of about 15 R.G's in Brookline to-day.

24. 3° above zero at 7 A.M. Windy. It has been cold for several days.

25. Cold, cloudy, with a little snow. 20° at 8 A.M. Went to the Mystic Ponds in the morning and then walked to Cambridge by way of the Fresh Pond swamps. The Lower Mystic is frozen over, which the Upper pond is entirely open. Spy Pond has a large open place at the eastern end. Flock of about 40 Pine Grosbeaks in the cemetery on Norway Spruces — feeding on the buds apparently, not the cones. Noticed but one red one. Flock of big white-throated Sparrows near Fresh Pond. Saw flock of the Redpolls and about 15 Song Sparrows.

List of birds observed at Mt. Greylock, Dec. 26-28, 1892.

1. Parus atricapillus. 26. 27. 28.
2. Certhia americana. 27. 28.
3. Sitta carolinensis. 28.
4. Passer domesticus. No. Adams village.
5. Regulus cristatus. 27.
6. Bonasa (togata?). 27.

1892

Dec.

26. Went to the Graylock Notch (Mr. Wilbur's) for two or three days. Cold, thermometer 0° in the late afternoon.

27. 8° at 7.30 A.M.

28. 3° " " " Saw one or two Pine Grosbeaks back of Mr. Wilbur's house this morning. Returned home by the afternoon train.

1893.

March

13. This is the first spring-like day after a cold, snowy winter. Thermometer 50°. Birds have been very scarce through the winter. The most interesting events have been the presence of Pine Grosbeaks in unprecedented numbers and the sojourn of a Peregrine Falcon at Fresh Pond for several weeks (see daily list). This afternoon I walked from Mt. Auburn to Waverley by way of the Fresh Pond swamps and back to Arlington by Pleasant St. Crows in the Fresh Pond grove, a little flock of Snowbirds and Chickadees together with a White-throated Sparrow by the Convalescent Home in Waverley. They have been here through the Winter. The Snowbirds omitted their warbling song, but not their regular trill. Neither saw nor heard Bluebirds. A good deal of snow still lies on the ground. Early this morning I saw a flock of 27 Cedar-birds in Arlington village.

14. Another Spring-like day. Walked out for an hour before breakfast, going up to the head of Strawberry St. and down Spring Lane. Saw six Bluebirds, five flickers (two drumming), two Red-winged Blackbirds, one Pine Grosbeak, one red crossbill, one Robin, a good many crows, blue jays, etc. In P.M. saw two

18. One Fox Sparrow (R. ab.).

April

1 White-bellied Swallows arr. W. B.

2. Rana silvatica, Tamias striatus.

crow blackbirds on Fayerweather St., Cambridge.

15. Colder, with rain and spitting of snow.

18. Walked to Cambridge by way of the Fresh Pond Swamp in the morning and back by the same route in P. M. Flock of 15 Song Sparrows feeding on the ground near the Little Pond ice-houses. This is the evidence I have seen of a migration. Several singing.

19. Pleasant, but not very warm. N. wind. Walked from Arlington over the Heights, down Marsh St., to Waltham. Then around Prospect Hill and back to Arlington via Beaver St., Waverley & Belmont. Crossed Rock Meadow on the ice. Deep snow still in the woods. In a field near Rock Meadow saw a flock of over 20 Bluebirds, evidently just come, several females among them. Another flock of 12 on Beaver St. in P.M. Altogether saw over 40. Two flocks of Pine Grosbeaks on the Bryant place and on Beaver St., feeding on Sugar Maple buds, and on White Ash seeds on the ground. Saw no red ones. Red-tailed Hawk on the Bryant grounds. In an old apple tree in the woods behind Prospect Hill found a red Screech Owl. He was lying on his side in a nest at the bottom of the hole suffering us to scratch his head with a stick. Seemed to be in a lethargic state. On the way back, in Waverley, saw a flock of 95 crows flying due North, at a considerable height. The scarcity of Tree Sparrows and Golden-crowned Kinglets now is very noticeable. Saw but one flock of the former and two individuals of the latter. The Shrikes have been very abundant this winter. Saw three to-day. Great many Song Sparrows.

25. Went to Ipswich with R. H. on early morning train. Spent the morning in the country back of the village, & went over to the Sand-Hills (Mr. Woodbury's) in the P. M.

26. At Woodbury's. Returning to Arlington in P. M.

April

3. Went around the Great Meadow, East Lexington before breakfast. Pretty cold. I heard the "crooning" note of a Pied-billed Grebe once. The ice went out from the meadow yesterday. The lower Mystic & Spy Pond are now open while the upper Mystic remains closed.

23. Empidonax minimus (one), Arlington (R. H.)

4. R.H. heard the cuckoo note of about three Pied-billed Grebes in the Great Meadow this morning. He also saw a Ruby-crowned Kinglet at Arlington Heights.
5. Walked from Arlington to Waltham in A.M. One Barn Swallow at Helmet Hill.
6. Fast Day. Snow fell in A.M., clearing later.
7. Two or three inches of snow fell to-day.

May

18. To Great Meadow, E. Lexington, with W.B. There is a pair of Florida Gallinules in the meadow this spring. They are very tame, allowing one to watch them at 15 yds. The male sometimes gets up into lower part of bushes and trees in the meadow. Swim like boats. Phlegmatic temperament. Heard two Least Bitterns. Sculled boat up to the precise spot where one was cooing and put up the bird. Coo-coo-coo, coó-coo — 5 notes, with a slight accent on the penultimate. Saw a pied-billed Grebe with 2 (?) young under wing. The note of the parent in such circumstances is a little toot. Carolina Rail when on a long flight flies like a duck. Glimpses of a bird in one of the big larches above the meadows that looked like a a Blue-winged Yellow Warbler. Nashville Warbler with very extraordinary note — chit, chit, chit — bearing no resemblance to the notes of an ordinary Nashville. Occasionally the bird added the Nashville termination to the song.
19. Walked from Concord to Wayland with R.T. and G.E.T.

June

3. To Bridgeport, Conn. with W.B. Drove out to Fairfield in P.M., stopping at the hotel. Short walk after supper. Orchard Oriole's nest in apple-tree, 4 eggs.
4. A.M. Drove to Greens Farms. Helminthophila pinus. In P.M. walked out to

June

the salt marshes. Here I found both the Sea-side and Sharp-tailed Finches together, singing. Song of the former, chir-o-wee' — in form something like the conquer-ee of Red-winged Blackbird. Not so shy as the Sharp-tail. Fairfield is a very pretty village with fine shade-trees and broad strip of grass between the driveway and side walks of the streets.

5. To Saybrook in A.M. Walk in P.M. Chat's nest with 4 eggs. Went over to Mr Clark's in evening to talk.

6. Went to Lawrence marsh beyond Clark's in A.M. Found a Hooded Warbler and a Louisiana Water Thrush. The latter was singing. In P.M. we walked with C. Prairie Warbler's nest - 4 eggs. in a swamp. The nest was fresh. C. showed us a Hooded Warbler's nest with 3 eggs. He had removed a Cowbird's egg from it previously. Also Parula's nest with 3 eggs.

7. Walked all day with C. Water Thrush with young. One Partridge with young, another with 8 eggs. Grosbeak's nest with young. Saw two Wild Pigeons (!). Great-crested Flycatcher's nest with 6 eggs.

8. Off all day again with C. One Canadian Warbler singing. Tanager's nest in Red Cedar - 4 eggs. Prairie Warbler's nest with 4 eggs. Hooded Warbler's nest with 4 eggs. Woodcock with 2 young. Water-Thrush's nest 5 young.

9. Day on salt marshes with Mr. C., down Oyster Creek. Humming-bird's nest with 2 eggs, + Parula's nest, one with 4 eggs.

10. On salt marshes, Saybrook side of River.

11. " " " " " " " Found Least Bittern's nest begun.

13. Yellow-winged Sparrow's nest with 4 young. Moved over to Mer.

Benj. Clark's, Saybrook Point, in P. M.

15. Lyme salt marshes at the mouth of Conn. River, Lyme side – with Mr. C. Kildeer Plovers in evening.

17. Rainy. Identified the "cutta" by cutting a path through a patch of cat-tails (T. angustifolia) and driving the birds across it. It is the Virginia Rail. Found a Yellow-winged Sparrow's nest in P. M. with female on the nest. The nest was built like an Oven-bird – contained 5 eggs.

18. The Least Bittern's nest to-day was found completed and furnished with 5 fresh eggs. In P. M. found Yellow-w. Sparrows nest with 2 eggs and 2 young & another with 3 eggs.

19. The latter nest this morning contains 4 eggs. Parula's nest with young nearly fledged. Green Herron's nest with (4?) young. Least Bittern's nest with 2 eggs and 2 young, one of the eggs hatched a little while later. Saw a young Least Bittern climbing about in the Cat-tails.

21. Very hot yesterday and to-day. Took morning train from Saybrook to Vernon. Short walk at Vernon (Saw a Broad-winged Hawk at short range. Preceded by 6.44 P. M. train to Andover, spending the night at the Hotel. Abundance of Night Hawks, many feeding in the dusty roads.

22. Rainy. A night-hawk sitting on a stone emitted his cry followed by a low note resembling the booming sound of this bird on the wing. To C. B. Stearns in P. M., a little less than a mile down Hop River.

23. In P. M. took a pleasant walk over the Cart Bridge and Bunker Hill, then swinging to the right and back over the bridge below Mr. Stearns's. Rainy.

24. Pleasant. By train to Bolton Notch - Walked back in P.M. and Pine Warbler in song in a Pitch Pine grove in Bolton.

26. Returned. Went to E. Lexington to spend a week or two.

28. Pied-billed Grebe's nest on the Great Meadow with four eggs. The eggs were completely covered by dead Pontederia leaves and stems. The nest itself was in a patch of Pontederia, but attached as usual to a Button-bush.

Aug.

3. Moved back to Arlington.

Sept.

8. To Ipswich Sandhills (Geo. Woodbury's).

16. To the hotel (Agawam Ho.) in Ipswich village.

19. Walked to the Sandhills & back to-day

20. Returned to Arlington.

29. Shot a Lincoln's Finch on the edge of the Maple Swamp by Alewife Brook.

Oct.

2. Shot another Lincoln's Finch near Alewife Brook not far from the Mass. Central R.R.

3. Before breakfast this morning I found a Lincoln's Finch at the mouth of Mill Brook. After breakfast saw another in another part of the same little swamp. In the afternoon walked out to Arlington via the Fresh Pond swamps. Shot a Lincoln's finch within a few rods of the place where I found one Sept. 29. R. H. overtook me here and we continued along the brook to the Mass. Central R.R. Within a rod of where I shot the Lincoln's Finch yesterday we found another, which he killed. Four of the bird seen in one day!

Oct.

23–Nov. 3. At Ipswich with E. E. F. Stayed at Capt. Lakeman's, Turkey Shore. Horned larks and Titlarks abundant during the first two days at Great Neck. A few snow buntings. Lapland longspurs Oct. 24–Nov. 3. Apparently about 12 or 15 on the Great Neck (see Daily list). Also saw 3 on Oct. 30 in the Smithills. They are often in company with the Horned larks, but show a clean binding, large-gate. When by themselves they are very tame, allowing one to stand within five feet of them. They have a rather rough guttural rattling notes and also a very rich and musical single whistle. The Horned larks are shyer – they were often seen dusting in the road over the hills of Great Neck. The notes of the longspur are very easily distinguished from those of any of the other birds.

Nov. 17. A Baltimore Oriole seen in Carlisle, Mass. by Mr. McKenny.

" 23. A Baltimore Oriole, adult male, shot at Ayer Junction, Mass. by Mr. Joyce. This bird is now in Mr. Brewster's collection. One wing not perfectly developed.

Dec.

16. A male Picoides arcticus shot in Sudbury by A. N. Morse.

1894

Dec. 23 Amphalis cilinarum (Thos.), Cambridge, N. Brunswick

1894

Dec. 22 Lanius excubitor (one), Wellesley, Mass. W. Torrey.

" 31 Circus hudsonius (1), Nisus fuliginosus (1), Speotyto cunicularia (2), Strix varia, Marshfield, Cape Cod. P. [illegible] Ammodramus savannarum (2) & many Dendroica coronata at Sandwich, Mass. Dec. 27-30 (R. H.)

1895

Jan. 1 Lanius excubitor (one), Wellesley, Mass. W. Torrey.

" 3 Turdus pallasii (one), " " " "

" 19 Lanius excubitor (one), Wellesley, Mass. W. Torrey

1902

Dec. 26 Centurus carolinus & Protonotaria citrea, Cambridge. W. Brewster.

1903

Feb. 26 Mimus polyglottos, Louisiana, Jean N. Bacon. (C. E. F.)

Birds noted on Grayrock Pt., July 7-9, 1894.

1. Bonasa umbellus (fan & feather). 7.
2. Perdix perdicis. 7. 8.
3. Dendroica virens. 8.
4. Chætura pelagica. 8. 9.*
5. Sayornis phœbe. 7. 9.*
6. Contopus virens. 8.
7. " virens. 7.* 8.* 9.*
8. Empidonax minimus. 7.*
9. Cyanocitta cristata. 7. 8.
10. [illegible] americanus. 8. 9.
11. Dolichonyx oryzivorus. 7.* 8.* 9.*
12. Carpodacus purpureus. 7.* 9.*
13. Loxia minor. 9.*
14. Spinus tristis. 7.* 8. 9.
15. Pooecetes gramineus. 7.* 8.* 9.*
16. Ammodramus savanna. 9.*
17. Zonotrichia albicollis. 7.* 8.*
18. Spizella socialis. 7.* 8.*
19. " pusilla. 7.* 9.*
20. Junco hiemalis. 7.* 8.*
21. Melospiza fasciata. 7.* 8.* 9.*
22. Pipilo erythrophthalmus. 7.*
23. Passerina cyanea. 7.* 8.* 9.*
24. Piranga erythromelas. 7.* 9.*
25. Chelidon erythrogastra. 7. 8. 9.
26. Petrochelidon lunifrons. 7. 8. 9.
27. Ampelis cedrorum. 7. 8.
28. Vireo olivaceus. 7.* 8.* 9.*
29. " solitarius. 7.* 9.*
30. Mniotilta varia. 9.*
31. Dendroica cærulescens. 7.* 8.*

32. Dendroica maculosa. 8.*
33. " pensilvanica. 7.* 8.* 9.*
34. " blackburniae. 8.*
35. " virens. 7.* 8.*
36. Seiurus aurocapillus. 8.** 9.*
37. Geothlypis philadelphia. 7.* 8.* 9.*
38. " trichas. 7.* 8.* 9.*
39. Silvania canadensis. 7.* 8.*
40. Setophaga ruticilla. 7.* 9.*
41. Galeoscoptes carolinensis. 8.* 9.*
42. Troglodytes hiemalis. 7.* 8.* 9.*
43. Certhia americana. 8.*
44. Parus atricapillus. 7. 8. 9.
45. Regulus satrapa. 7. 8.*
46. Turdus mustelinus. 9.*
47. " fuscescens. 7.* 8.* 9.*
48. " swainsonii. 7.* 8.*
49. " fuscescens. 7.* 8.*
50. Merula migratoria. 7.* 8.*
51. Sialia sialis. 8. 9.*
52. Passer domesticus. 7 (No. Hamden Hill.).

Birds on Mt. Graylock & Vic., June 25-July 3, 1895; July 12-20, 1895.

1. Bonasa umbellus subsp. indet. 29.* 30. 1. 2. 15.
2. Accipiter velox. 29. 18.
3. Buteo borealis. 28. 29. (2) 19.
Hawk indet. 2.
4. Coccyzus erythrophthalmus. 25.* 26. 27. 28. 29.* 30.* 1.* 2.* 13.* 14. 15.* 16. 17.
5. Dryobates villosus. 26. 2. 15.
6. " pubescens. 25. (2) 13. 14. 15. 18. 19. 20.
7. Sphyrapicus varius. 2 (Mt. Graylock, 1 m. from summit, by Mr. Langdon's image).

8. Colaptes auratus. 1. 2. 3. 13.* 14. 17.

9. Antrostomus vociferus. 26.* (near Chase's, Notch).

10. Chaetura pelagica. 26.* 28.* 29.* 30.* 1. 2.* 3. 12.* 13.* 14.* 15.* 16. 17.* 18. 19.* 20.*

11. Tyrannus tyrannus. 25. 26. 27. 28. 1. 12. 13. 14. 15. 16. 17. 18. 19. 20.

12. Contopus borealis. 29.* 30. 2.* 15. 17.

13. " virens. 27.* 30.* 2.* 3.* 12.* 13.* 14.* 15. 16. 17. 20.*

14. Empidonax alnorum. 27.* 12.* 15.* 17.* 18.* 19. 20.*

15. " minimus. 27. 28.* 12.* 13. 14. 17.* 18.* 20.*

16. Otocoris praticola. 27.* (between Pattison's & Paul's).

17. Cyanocitta cristata. 25. 26. 28. 29. 30. 2. 15. 20.

18. Corvus americanus. 25. 26. 27. 28. 30. 1. 2. 3. 13. 15. 16. 17. 18. 19. 20.

19. Dolichonyx oryzivorus. 25.* 26.* 27.* 28.* 29.* 1. 2. 3.* 12. 13. 14. 15.* 16. 17. 18. 19. 20.

20. Icterus galbula. 27. 13. 19.

21. Carpodacus purpureus. 25.* 26.* 27.* 29. 30. 2. 15.* 17. 18.*

22. Passer domesticus (No. Adams vill. up White Road to above the upper reservoir; Adams vill., &c.

23. Loxia minor. 26. 29. 1. 2. 15. 16. 17. 18. 19. 20.

24. Spinus tristis. 25.* 26.* 27.* 28.* 30.* 1.* 2.* 12. 13.* 14.* 16. 17.* 18.* 19. 20.

25. Poocetes gramineus. 25.* 26.* 27.* 28.* 29.* 30.* 1. 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

26. Ammodramus savanna. 25.* 26. 27.* 28. 29.* 30.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

27. Zonotrichia albicollis. 29.* 30.* 2.* 3.* 15.* 17.*

28. Spizella socialis. 25.* 26.* 27.* 28.* 29.* 30.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

29. " pusilla. 25.* 28.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

30. Junco hiemalis. 25.* 26.* 28.* 29.* 30.* 1.* 2.* 15.* 17.* 18.*

31. Melospiza fasciata. 25.* 26.* 27.* 28.* 29.* 30.* 1. 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

32. Pipilo erythrophthalmus. 25.* 1. 12.* 13. 14.* 15.* 17.* 18.* 19.*

33. Habia ludoviciana. 29.* 30.* 14. 17.* 19.

34. Passerina cyanea. 25.* 26.* 27.* 28.* 29.* 30.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

35. Piranga erythromelas. 25.* 27.* 28.* 29.* 30.* 1.* 2.* 3.* 14.* 15.* 16.* 17.* 18.*

36. Petrochelidon lunifrons. 25. 26. 27. 28. 29. 30. 1. 2. 3. (27 nests at Eddy's.) 13. 14. 15. 17. 18. 19. 20.

37. Chelidon erythrogastra. 25. 26.* 27. 28. 29. 30. 1. 2. 3.

38. Stelgidopteryx serripennis. 28. 1. 2. (2 2 3 young) Lime-stone quarry above No. Adams vill.

Young nearly fledged. One old bird shot July 2. Jul. 18.

39. Ampelis cedrorum. 25. 26. 27. 28. 29. 30. 1. 2. 12. 13. 14. 15. 16. 17. 18. 19. 20.

40. Vireo olivaceus. 25.* 26.* 27.* 28.* 29.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19.* 20.*

41. Mniotilta varia. 25.* 26.* 12. 13.* 14.*

42. Helminthophila ruficapilla. 25.* 26.* 27.* 28.* 29.* 30.* 2.*

43. Dendroeca caerulescens. 25.* 28.* 29.* 30.* 1.* 2.* 13.* 15.*

44. " coronata. 29.* 15.

45. " maculosa. 25.* 26.* 28.* 29.* 30.* 1.* 2.* 15.* 16.* 17.* 18.* 19.* 20.*

46. " pensilvanica. 25.* 26.* 28.* 29.* 30.* 1.* 2.* 3.* 13. 15.* 16.* 17.* 18.* 20.*

47. " blackburniae. 26.* 27.* 28.* 29.* 30.* 1.* 2.* 15.*

48. " virens. 25.* 26.* 27.* 28.* 29.* 30.* 1.* 2.* 3.* 15.* 16.* 18.* 19.* 20.*

49. Seiurus aurocapillus. 25.* 26.* 27.* 28.* 29.* 30.* 2.* 3.* 12.* 15.* 16.*

50. Geothlypis philadelphia. 29.* 30.* 1.* 2.* 15.*

51. " trichas. 25.* 26.* 27.* 28.* 30.* 1.* 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 20.*

52. Silvania canadensis. 29.* 30.* 2.* 15.*

53. Setophaga ruticilla. 25.* 26.* 27.* 28.* 29.* 1.* 2.* 3.* 14.* 15.* 18.* 20.*

54. Galeoscoptes carolinensis. 25.* 1.* 13.* 14.* 17. 19. 20.*

55. Troglodytes hiemalis. 29.* 30.* 2.* 15.*

56. Certhia americana. 29.* 30.* 15.

57. Sitta canadensis. 29. 30. 2. 15.

58. Parus atricapillus. 26. 28.* 29. 30.* 1.* 2.* 14.* 15.* 16.* 18. 20.

59. Regulus satrapa. 29.* 30.* 1.* 2.* 15.

60. Turdus mustelinus. 25.* 26.* 27.* 28.* 29.* 3.* 12.* 14.* 15.* 16.* 17.* 18.* 19.

61. " fuscescens. 25.* 26.* 27.* 28.* 29.* 30.* 1. 2.* 3.* 12.* 13.* 14.* 15.* 16.* 17.* 18.* 19. 20.*

62. " bicknelli. 29.* 30.* (summit of Graylock).

63. " swainsonii. 29.* 30.* 2.* 15.*

64. " pallasii. 29.* 2.* 15.*

65. Merula migratoria. 25.* 26.* 27.* 28.* 29.* 1.* 2.* 3.* 12.* 13.* 14. 15.* 16.* 17.* 19. 20.*

Found on the very summit of Graylock: Merula, Turdus bicknelli, Geothlypis philadelphia, Silvania canadensis, Junco, Melospiza fasciata (one in song), Zonotrichia albicollis (nest with 4 eggs, July 2), Coccyzus erythrophthalmus (one), Bonasa (♀ + young), Chaetura, Chelidon.

66. Ardea herodias. Jul. 26 Clarksburg Reservoir.

67. Tringa maculata. Jul. 20 Clarksburg Reservoir.
68. Erennetes pusillus. Jul. (6) 20 Clarksb. Res.
69. Totanus flavipes. Jul. 20 Clksb. R.
70. " solitarius. Jul. (2) 20 " "
71. Actitis macularia. Jul. 13 Blackinton. 20 Clksb. R.
72. Aegialitis semipalmata. Jul. 20 Clksb. R.
73. Syrnium nebulosum. Jul. 17 14'3" x. 20 14'3" x. Back of Wilbur's.
74. Ceryle alcyon. Jul. 20 Clksb. R.
75. Chordeiles virginianus. (2) 14 x.
76. Trochilus colubris. 18 19.
77. Sayornis phœbe. 16 1° x. 17 1°.
78. Agelaeus phœniceus. 13. 14. Near Blackinton.
79. Sturnella magna. 13 x. Blackinton.
80. Quiscalus æneus. 13 6°. 14 3°. Blackinton, feeding fledged young.
81. Spinus pinus. 18 hd.
82. Ammodramus passerinus. 13 7 x. Blackinton.
83. Melospiza georgiana. 20 2 x. Clarksburg Reservoir.
84. Progne subis. (5) 12 x. Zylonite, feeding fledged young.
85. Clivicola riparia. 12. Zylonite, &c. breeding colonies.
86. Vireo solitarius. 16 1° x. 18 1° x. 20 1° x.
87. Harporhynchus rufus. 12 1°. 14 (4)°. Near No. Adams Reservoir.
88. Dendroica æstiva. 12 x. 13 x. Hoosic R.
89. Vireo gilvus. 12 x.

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Mar. 28 1♂ Dendroica virens shot in Sherborn, Mass., by A. P. Morse of Wellesley.